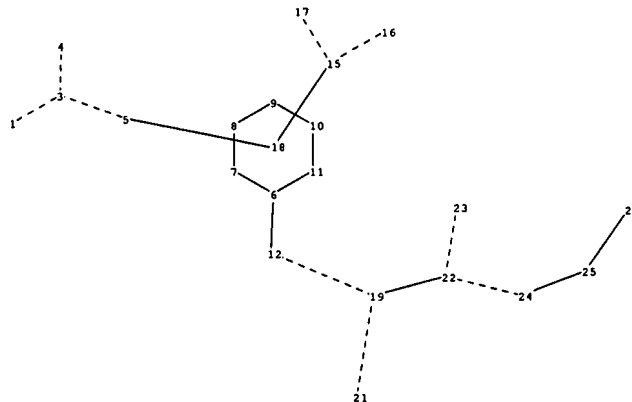
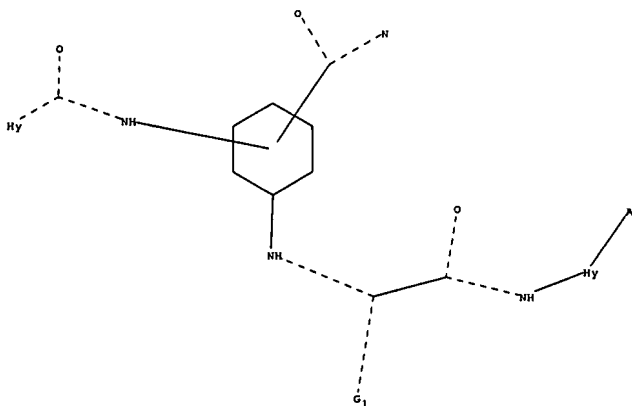


## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7396	((514/252.04) or (514/301) or (514/318) or (514/338) or (546/194) or (546/114) or (546/276.6) or (544/238)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/14 16:14
L2	892	1 and diamine	US-PGPUB; USPAT	OR	OFF	2007/09/14 16:14



chain nodes :

1 3 4 5 12 15 16 17 19 21 22 23 24 25 27

ring nodes :

6 7 8 9 10 11

chain bonds :

1-3 3-4 3-5 6-12 12-19 15-16 15-17 19-21 19-22 22-23 22-24 24-25  
25-27

ring bonds :

6-7 6-11 7-8 8-9 9-10 10-11

exact/norm bonds :

1-3 3-4 3-5 6-12 12-19 15-16 15-17 19-21 22-23 22-24 24-25 25-27

exact bonds :

6-7 6-11 7-8 8-9 9-10 10-11 19-22

isolated ring systems :

containing 6 :

G1:O,S

Match level :

1:Atom 3:CLASS 4:CLASS 5:CLASS 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:CLASS 13:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:Atom 27:CLASS

Generic attributes :

1:  
Saturation : Unsaturated  
Number of Carbon Atoms : less than 7  
Type of Ring System : Polycyclic  
25:  
Saturation : Unsaturated

Element Count :

Node 1: Limited  
N,N2

S,S1  
C,C4

Node 25: Limited  
N,N2  
C,C4

10773344

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal612bxr

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*  
SESSION RESUMED IN FILE 'REGISTRY' AT 14:57:52 ON 14 SEP 2007  
FILE 'REGISTRY' ENTERED AT 14:57:52 ON 14 SEP 2007  
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.40	3.18

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.40	3.18

FILE 'REGISTRY' ENTERED AT 14:58:03 ON 14 SEP 2007  
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STRUCTURE FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9  
DICTIONARY FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\rtghnb.str

L2 STRUCTURE UPLOADED

=> d 12

L2 HAS NO ANSWERS

L2 STR

Updated Search

10773344

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s 12

SAMPLE SEARCH INITIATED 15:03:27 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 194 TO ITERATE

100.0% PROCESSED 194 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3045 TO 4715

PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

=> s 12 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 15:03:31 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 4372 TO ITERATE

100.0% PROCESSED 4372 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L2

Updated Search

=> d his

(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

L1 STRUCTURE UPLOADED

L2 17 S L1

L3 261 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4 12 S L3

L5 5 S L4 AND OHTA, T?/AU

L6 7 S L4 NOT L5

L7 0 S L6 AND KOMORIYA, S?/AU

L8 1 S L6 AND YOSHINO, T?/AU

L9 6 S L6 NOT L8

L10 0 S L9 AND UOTO, K?/AU

L11 0 S L9 AND NAKAMOTO, Y?/AU

L12 0 S L9 AND NAITO, H?/AU

L13 1 S L9 AND MOCHIZUKI, A?/AU

L14 5 S L9 NOT L13

L15 0 S L14 AND NAGATA, T?/AU

L16 0 S L14 AND KANNO, H?/AU

L17 0 S L14 AND HAGINOYA, N?/AU

L18 0 S L14 AND YOSHIKAWA, K?/AU

L19 0 S L14 AND NAGAMOCCHI, M?/AU

L20 0 S L14 AND KOBAYASHI, S?/AU

L21 0 S L14 AND ONO, M?/AU

FILE 'CAOLD' ENTERED AT 12:07:02 ON 14 SEP 2007

L22 0 S L3

FILE 'REGISTRY' ENTERED AT 12:07:12 ON 14 SEP 2007

L23 STRUCTURE UPLOADED

L24 1 S L23

L25 4 S L23 FULL

L26 4 S L25 NOT L3

FILE 'HCAPLUS' ENTERED AT 12:10:46 ON 14 SEP 2007

L27 2 S L26

L28 0 S L27 AND OHTA, T?/AU

L29 0 S L27 AND KOMORIYA, S?/AU

FILE 'CAOLD' ENTERED AT 12:11:20 ON 14 SEP 2007

L30 0 S L26

FILE 'REGISTRY' ENTERED AT 12:11:28 ON 14 SEP 2007

L31 STRUCTURE UPLOADED

L32 STRUCTURE UPLOADED

L33 19 S L32

L34 280 S L32 FULL

L35 25 S L34 NOT L3

L36 21 S L35 NOT L26

FILE 'HCAPLUS' ENTERED AT 12:14:23 ON 14 SEP 2007

L37 6 S L36

L38 1 S L37 AND OHTA, T?/AU

L39 5 S L37 NOT L38

L40 0 S L39 AND KOMORIYA, S?/AU

L41 0 S L39 AND ONO, M?/AU

Updated Search

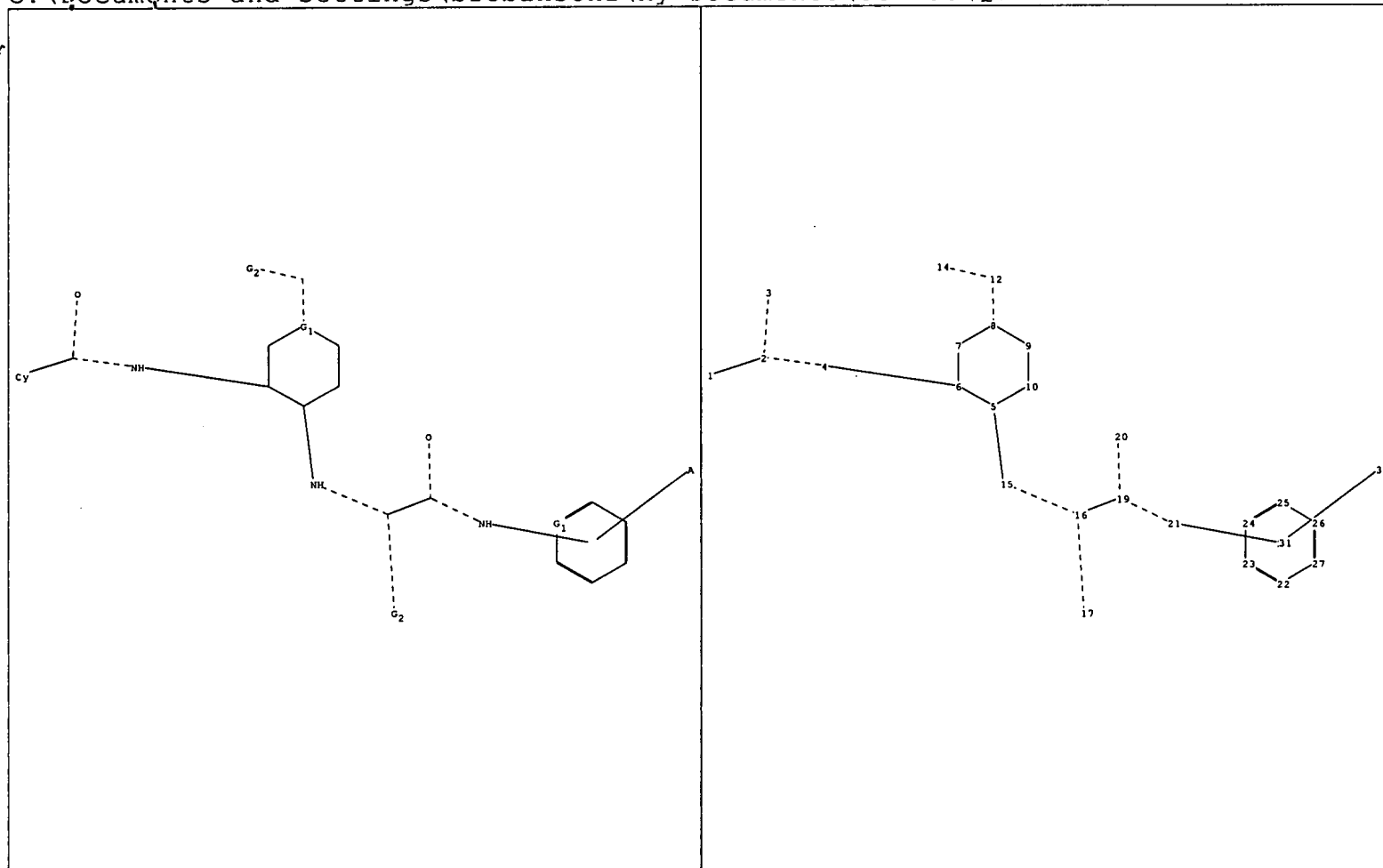
L42 0 S L39 AND KOBAYASHI, S?/AU

FILE 'CAOLD' ENTERED AT 12:15:20 ON 14 SEP 2007

=> s 136

L43 0 L36

=>



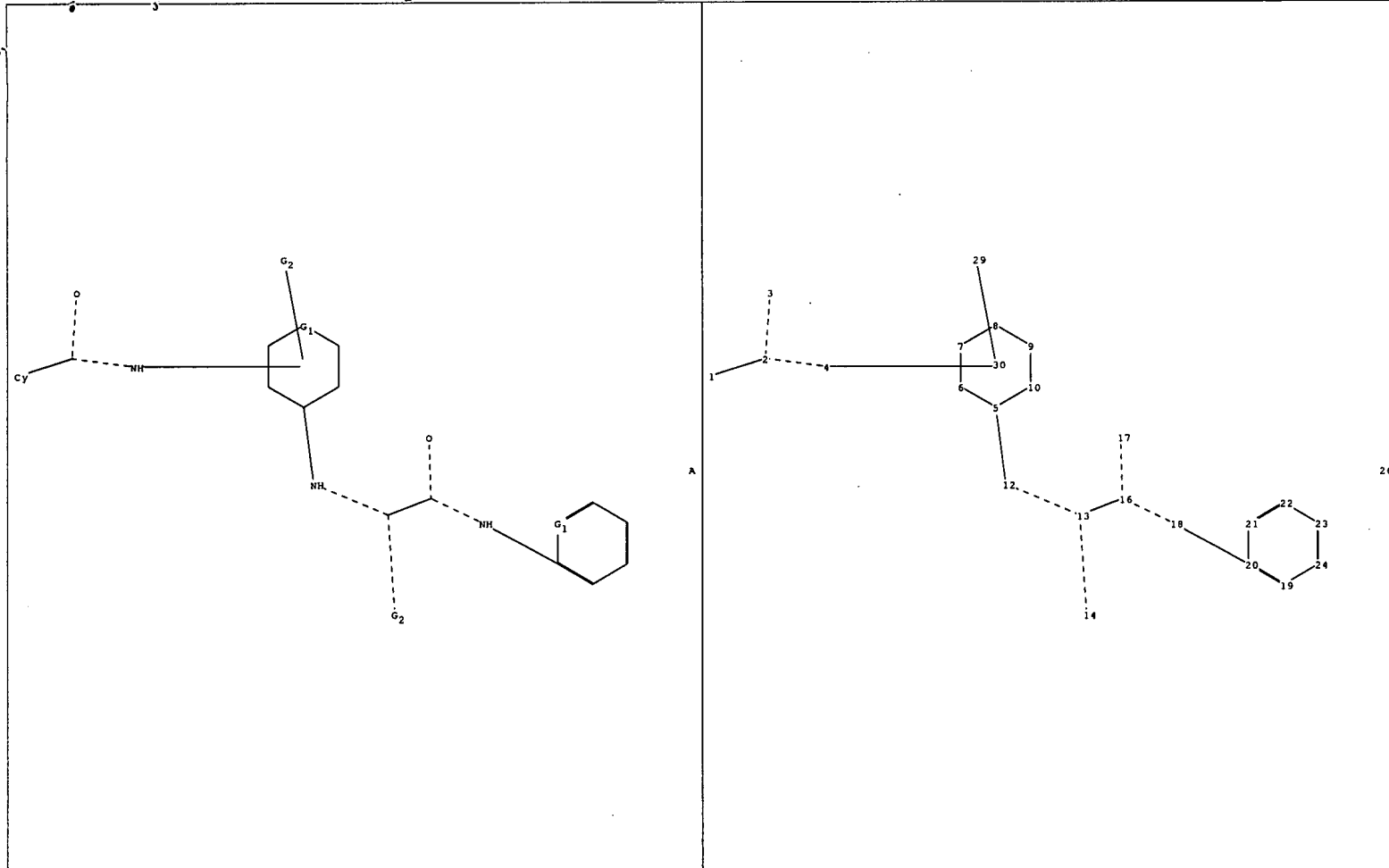
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 ring nodes :  
 5 6 7 8 9 10 22 23 24 25 26 27  
 chain bonds :  
 1-2 2-3 2-4 4-6 5-15 8-12 12-14 15-16 16-17 16-19 19-20 19-21  
 ring bonds :  
 5-6 5-10 6-7 7-8 8-9 9-10 22-23 22-27 23-24 24-25 25-26 26-27  
 exact/norm bonds :  
 1-2 2-3 2-4 4-6 5-6 5-10 5-15 6-7 7-8 8-9 8-12 9-10 12-14  
 15-16 16-17 16-19 19-20 19-21 22-23 22-27 23-24 24-25 25-26 26-27  
 isolated ring systems :  
 containing 5 : 22 :

G1:C,N

G2:O,S

Match level :  
 1:Atom 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
 10:Atom 12:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 19:CLASS  
 20:CLASS 21:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom  
 28:CLASS 30:CLASS 31:CLASS





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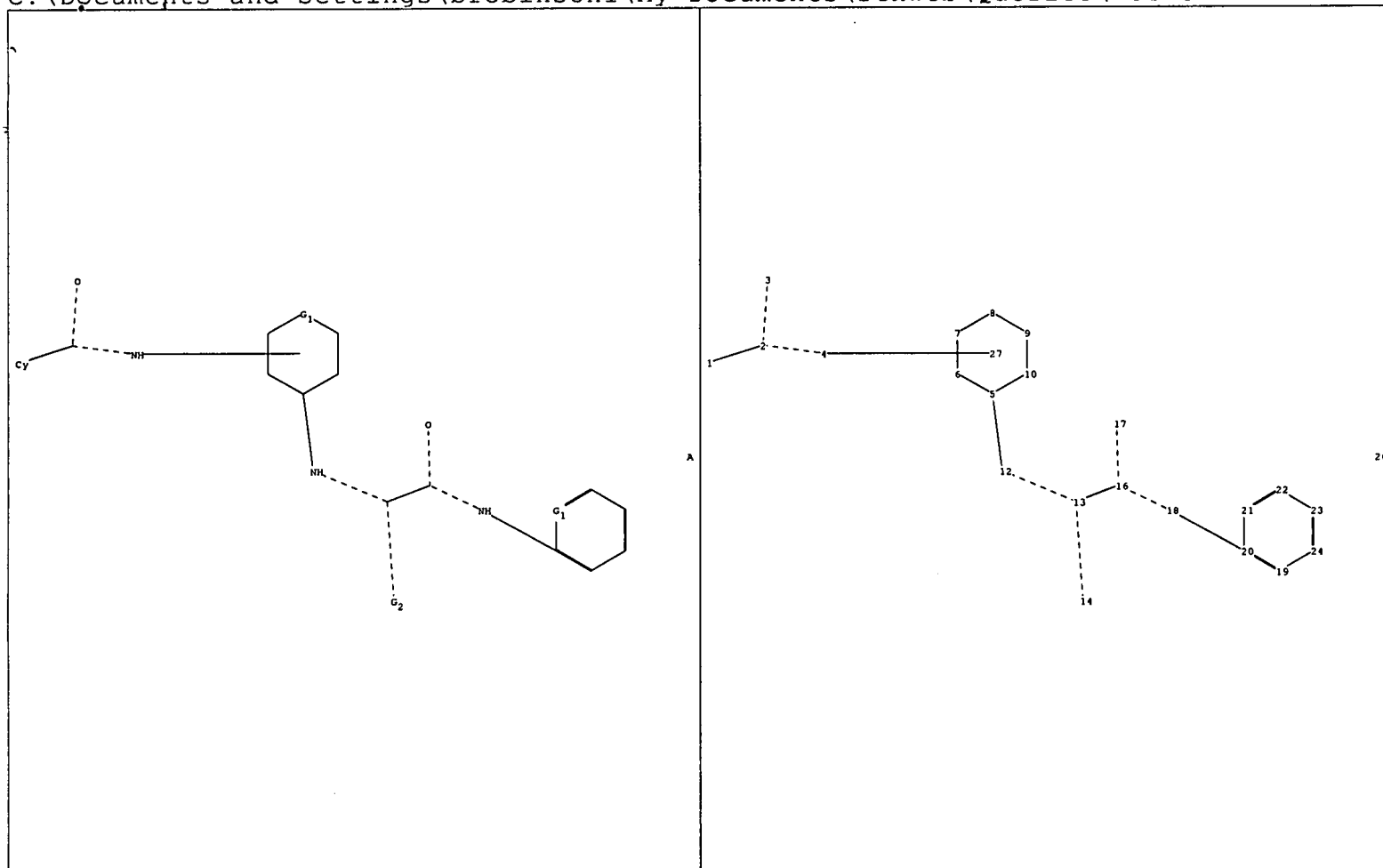
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  1  2  3  4  12  13  14  16  17  18  26  29
ring nodes :
  5  6  7  8  9  10  19  20  21  22  23  24
chain bonds :
  1-2  2-3  2-4  5-12  12-13  13-14  13-16  16-17  16-18  18-20
ring bonds :
  5-6  5-10  6-7  7-8  8-9  9-10  19-20  19-24  20-21  21-22  22-23  23-24
exact/norm bonds :
  1-2  2-3  2-4  5-6  5-10  5-12  6-7  7-8  8-9  9-10  12-13  13-14  13-16
  16-17  16-18  18-20  19-20  19-24  20-21  21-22  22-23  23-24
isolated ring systems :
  containing 5 : 19 :
  
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G1:C,N

G2:O,S

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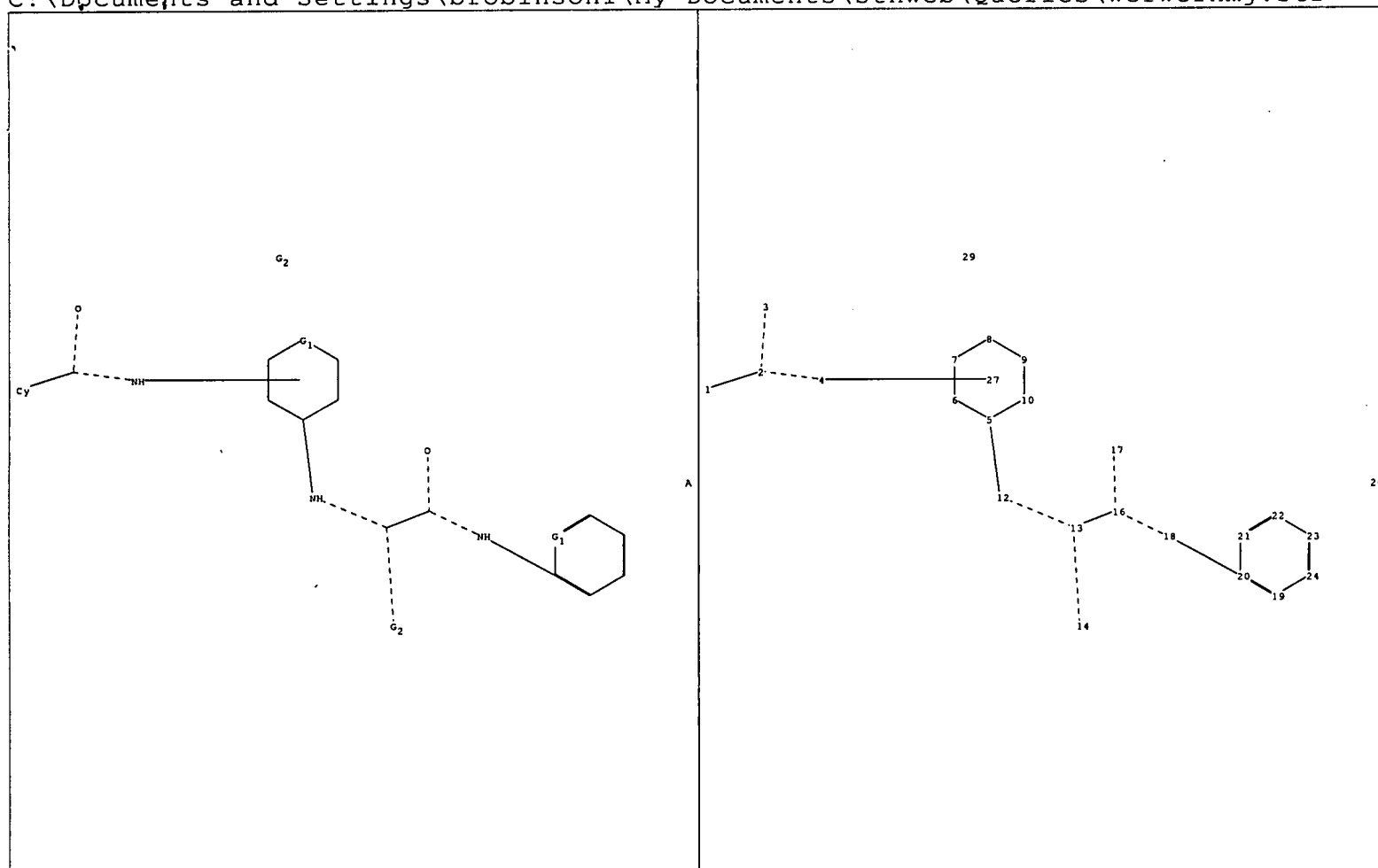
Match level :
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  10:Atom 12:CLASS 13:CLASS 14:CLASS 16:CLASS 17:CLASS 18:CLASS
  19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 26:CLASS 27:CLASS
  29:CLASS 30:CLASS
  
```



chain nodes :  
 1 2 3 4 12 13 14 16 17 18 26  
 ring nodes :  
 5 6 7 8 9 10 19 20 21 22 23 24  
 chain bonds :  
 1-2 2-3 2-4 5-12 12-13 13-14 13-16 16-17 16-18 18-20  
 ring bonds :  
 5-6 5-10 6-7 7-8 8-9 9-10 19-20 19-24 20-21 21-22 22-23 23-24  
 exact/norm bonds :  
 1-2 2-3 2-4 5-6 5-10 5-12 6-7 7-8 8-9 9-10 12-13 13-14 13-16  
 16-17 16-18 18-20 19-20 19-24 20-21 21-22 22-23 23-24  
 isolated ring systems :  
 containing 5 : 19 :

G1:C,N

Match level :  
 1:Atom 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
 10:Atom 12:CLASS 13:CLASS 14:CLASS 16:CLASS 17:CLASS 18:CLASS  
 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 26:CLASS 27:CLASS



chain nodes :  
 1 2 3 4 12 13 14 16 17 18 26 29  
 ring nodes :  
 5 6 7 8 9 10 19 20 21 22 23 24  
 chain bonds :  
 1-2 2-3 2-4 5-12 12-13 13-14 13-16 16-17 16-18 18-20  
 ring bonds :  
 5-6 5-10 6-7 7-8 8-9 9-10 19-20 19-24 20-21 21-22 22-23 23-24  
 exact/norm bonds :  
 1-2 2-3 2-4 5-6 5-10 5-12 6-7 7-8 8-9 9-10 12-13 13-14 13-16  
 16-17 16-18 18-20 19-20 19-24 20-21 21-22 22-23 23-24  
 isolated ring systems :  
 containing 5 : 19 :

G1:C,N

G2:O,S

Match level :  
 1:Atom 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom  
 10:Atom 12:CLASS 13:CLASS 14:CLASS 16:CLASS 17:CLASS 18:CLASS  
 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 26:CLASS 27:CLASS  
 29:CLASS

10773344

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal612bxx

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 MAY 01 New CAS web site launched  
NEWS 3 MAY 08 CA/CAPLUS Indian patent publication number format defined  
NEWS 4 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields  
NEWS 5 MAY 21 BIOSIS reloaded and enhanced with archival data  
NEWS 6 MAY 21 TOXCENTER enhanced with BIOSIS reload  
NEWS 7 MAY 21 CA/CAPLUS enhanced with additional kind codes for German patents  
NEWS 8 MAY 22 CA/CAPLUS enhanced with IPC reclassification in Japanese patents  
NEWS 9 JUN 27 CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers  
NEWS 10 JUN 29 STN Viewer now available  
NEWS 11 JUN 29 STN Express, Version 8.2, now available  
NEWS 12 JUL 02 LEMBASE coverage updated  
NEWS 13 JUL 02 LMEDLINE coverage updated  
NEWS 14 JUL 02 SCISEARCH enhanced with complete author names  
NEWS 15 JUL 02 CHEMCATS accession numbers revised  
NEWS 16 JUL 02 CA/CAPLUS enhanced with utility model patents from China  
NEWS 17 JUL 16 CAPLUS enhanced with French and German abstracts  
NEWS 18 JUL 18 CA/CAPLUS patent coverage enhanced  
NEWS 19 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
NEWS 20 JUL 30 USGENE now available on STN  
NEWS 21 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 22 AUG 06 BEILSTEIN updated with new compounds  
NEWS 23 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 24 AUG 13 CA/CAPLUS enhanced with additional kind codes for granted patents  
NEWS 25 AUG 20 CA/CAPLUS enhanced with CAS indexing in pre-1907 records  
NEWS 26 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB  
NEWS 27 AUG 27 USPATOLD now available on STN  
NEWS 28 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
  
NEWS 29 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
NEWS 30 SEP 13 FORIS renamed to SOFIS  
NEWS 31 SEP 13 INPADOCDB: New SDI frequency MONTHLY available now  
  
NEWS EXPRESS 05 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 SEPTEMBER 2007.

Updated Search

10773344

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

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STRUCTURE FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

DICTIONARY FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\45wer454.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Updated Search

10773344

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 12:03:28 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 27 TO ITERATE

100.0% PROCESSED 27 ITERATIONS 17 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 229 TO 851  
PROJECTED ANSWERS: 93 TO 587

L2 17 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y  
FULL SEARCH INITIATED 12:03:33 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 459 TO ITERATE

100.0% PROCESSED 459 ITERATIONS 261 ANSWERS  
SEARCH TIME: 00.00.01

L3 261 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	176.15	176.36

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007  
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FILE COVERS 1907 - 14 Sep 2007 VOL 147 ISS 13  
FILE LAST UPDATED: 13 Sep 2007 (20070913/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

Updated Search

10773344

L4 12 L3

=> s l4 and ohta, t?/au

4029 OHTA, T?/AU

L5 5 L4 AND OHTA, T?/AU

=> d l5, ibib abs hitstr, 1-5

L5 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:78244 HCAPLUS

DOCUMENT NUMBER: 142:176829

TITLE: A preparation of diamine derivatives, useful as FXa inhibitors (anticoagulants)

INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: U.S. Pat. Appl. Publ., 276 pp., Cont.-in-part of U.S. Ser. No. 481,629.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

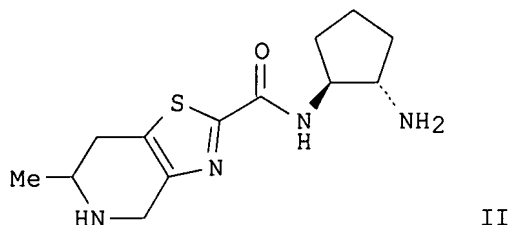
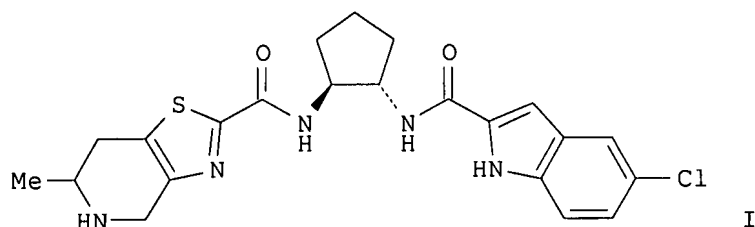
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005020645	A1	20050127	US 2004-773344	20040209
ZA 2003009866	A	20041220	ZA 2003-9866	20030130
ZA 2004000926	A	20050204	ZA 2004-926	20040204
US 2005245565	A1	20051103	US 2004-481629	20040601
PRIORITY APPLN. INFO.:			JP 2001-187105	A 20010620
			JP 2001-243046	A 20010809
			JP 2001-311808	A 20011009
			JP 2001-398708	A 20011228
			US 2004-481629	A2 20040601
			WO 2002-JP2683	A 20020320
			WO 2002-JP6141	W 20020620

OTHER SOURCE(S):  
GI

MARPAT 142:176829

10481629



AB The invention relates to a preparation of diamine derivs. of formula Q1-Q2-T-N(R1)-Q3-N(R2)-T1-Q4 [wherein: R1 and R2 are independently selected from H, OH, alkyl, or alkoxy; Q1 is (un)saturated 5- or 6-membered cyclic hydrocarbon, 5- to 7-membered heterocyclic group, or (bi/tri)cyclic fused hydrocarbon, etc.; Q2 is a single bond or bivalent (hetero)cyclic group; Q3 is a bivalent (hetero)cyclic group; Q4 is (hetero)aryl, arylalkynyl, or heteroalkenyl, etc.; T is C(O) or S(O); T1 is C(O), C(O)-C(O), SO<sub>2</sub>, or C(O)-C(O)-NH, etc.], useful as FXa inhibitors (anticoagulants). The invention compds. are useful as agents for preventing and/or treating cerebral infarction, cerebral embolism, myocardial infarction, angina pectoris, pulmonary infarction, pulmonary embolism, Buerger's disease, deep venous thrombosis, disseminated intravascular coagulation syndrome, and thrombus, etc. For instance, diamine derivative I (IC<sub>50</sub> = 86 nM) was prepared via amidation of 5-chloroindole-2-carboxylic acid by thiazolopyridine derivative II.

IT 480448-28-0P 480448-29-1P 480448-30-4P  
 480448-31-5P 480448-32-6P 480448-33-7P  
 480448-34-8P 480448-35-9P 480448-36-0P  
 480448-37-1P 480448-39-3P 480448-41-7P  
 480448-42-8P 480449-02-3P 480449-04-5P  
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10773344

834919-18-5P 834919-19-6P 834919-20-9P

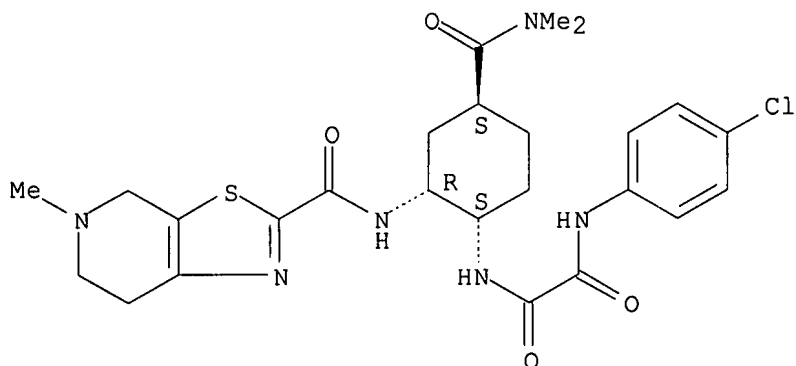
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of diamine derivs. useful as anticoagulants)

RN 480448-28-0 HCAPLUS

CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

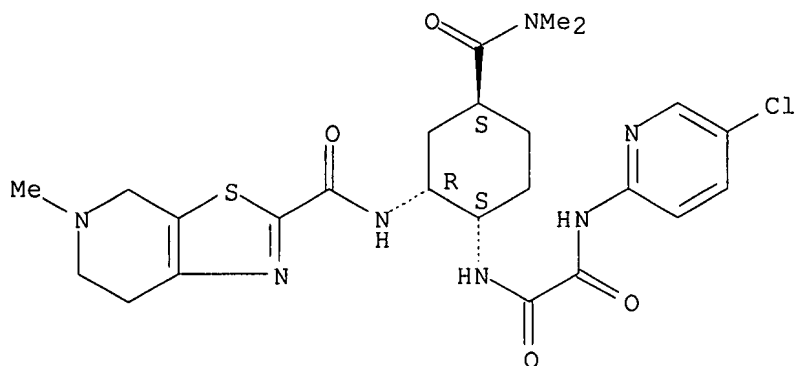


● HCl

RN 480448-29-1 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

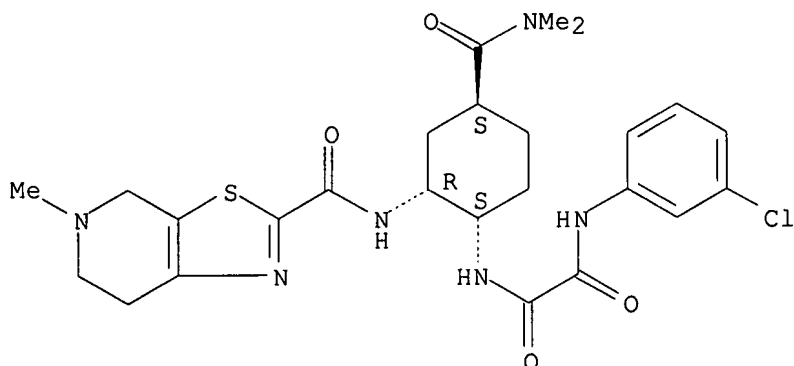
Updated Search

10773344

RN 480448-30-4 HCAPLUS

CN Ethanediame, N-(3-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

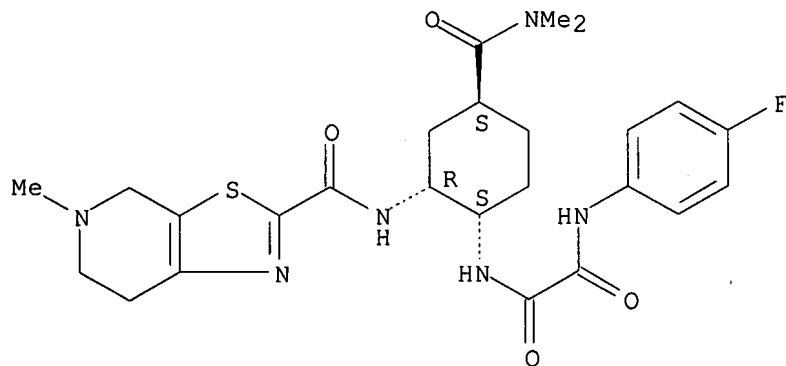


● HCl

RN 480448-31-5 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-  
tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-  
N'-(4-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

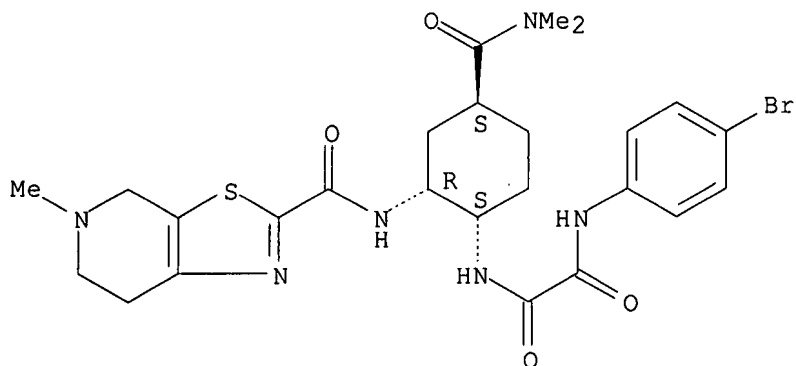
RN 480448-32-6 HCAPLUS

CN Ethanediame, N-(4-bromophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Updated Search

10773344

Absolute stereochemistry.

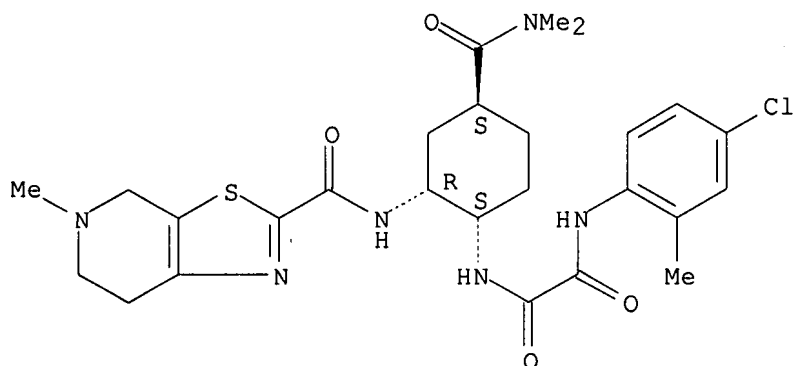


● HCl

RN 480448-33-7 HCAPLUS

CN Ethanediame, N-(4-chloro-2-methylphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

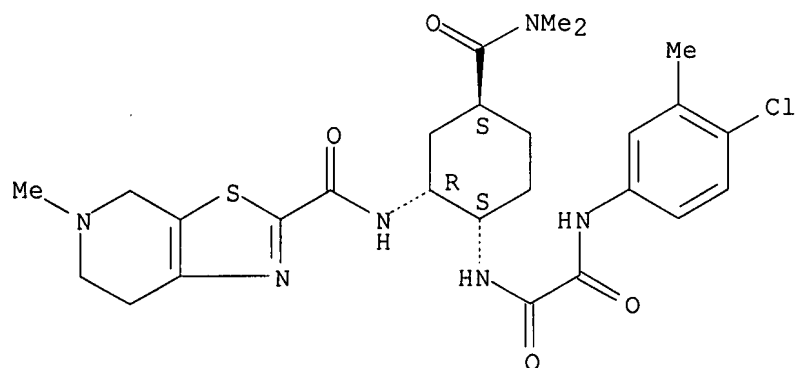
RN 480448-34-8 HCAPLUS

CN Ethanediame, N-(4-chloro-3-methylphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

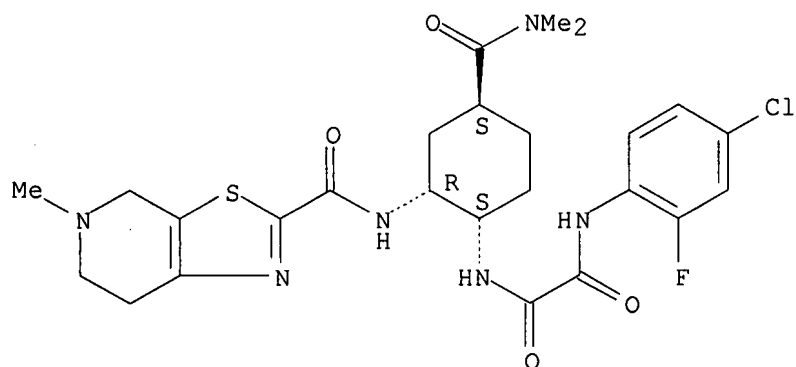
10773344



● HCl

RN 480448-35-9 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



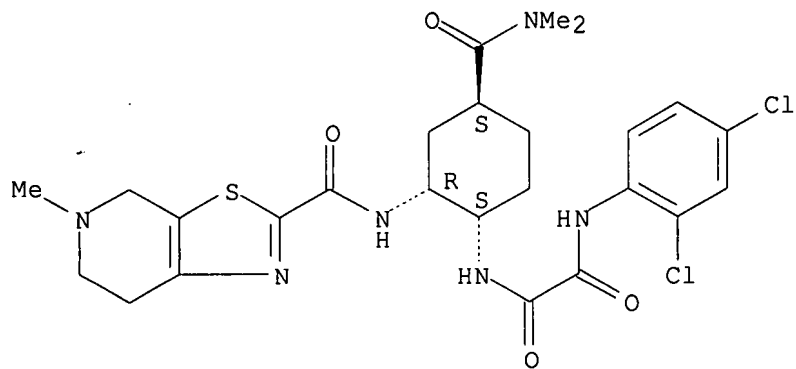
● HCl

RN 480448-36-0 HCAPLUS  
CN Ethanediame, N-(2,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

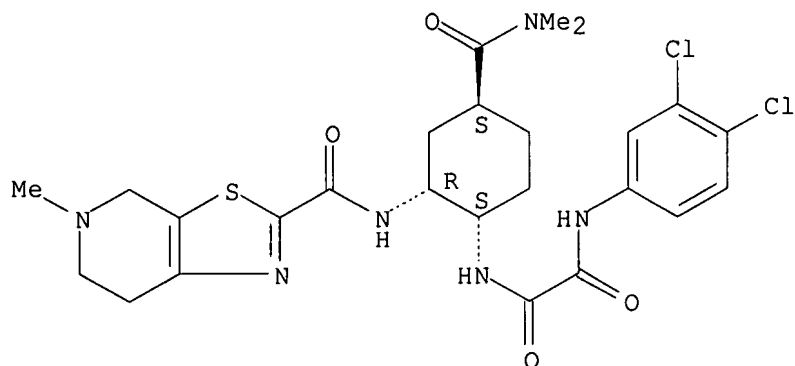
10773344



● HCl

RN 480448-37-1 HCAPLUS  
CN Ethanediame, N-(3,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

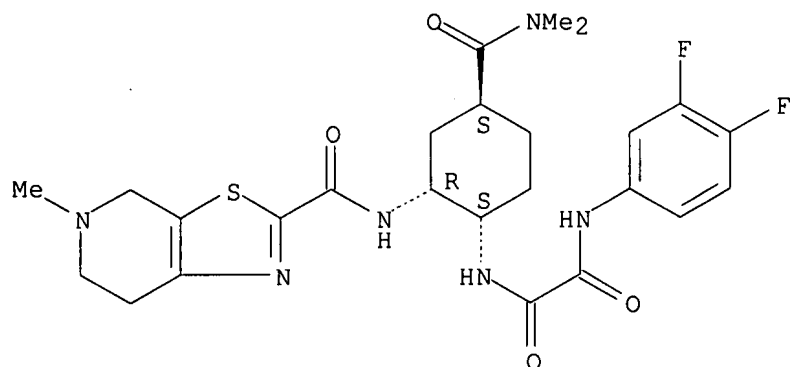


RN 480448-39-3 HCAPLUS  
CN Ethanediame, N-(3,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

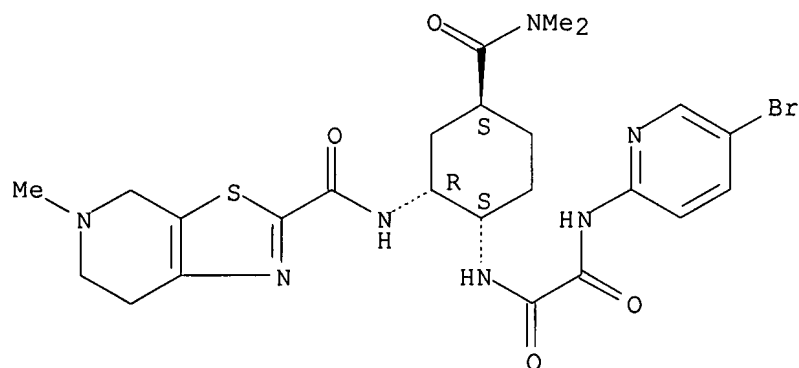
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RN 480448-41-7 HCAPLUS

CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

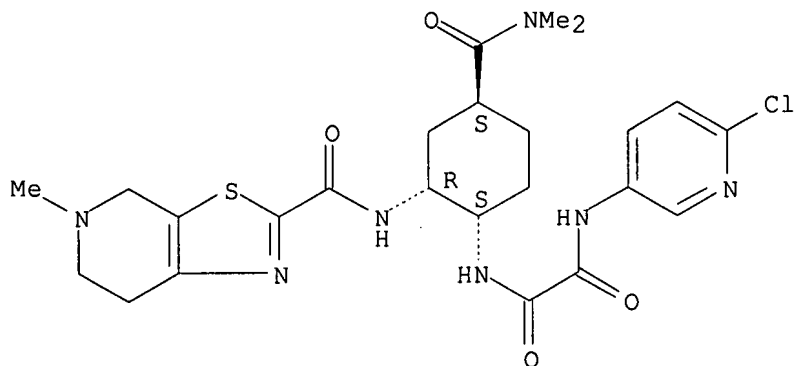
RN 480448-42-8 HCAPLUS

CN Ethanediamide, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

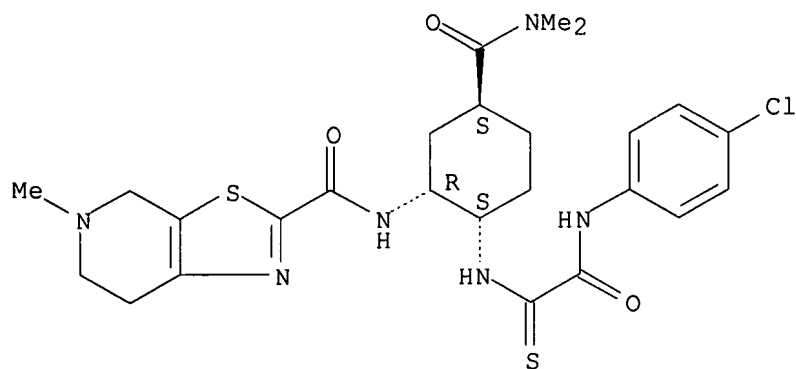
10773344



● HCl

RN 480449-02-3 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(4-chlorophenyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

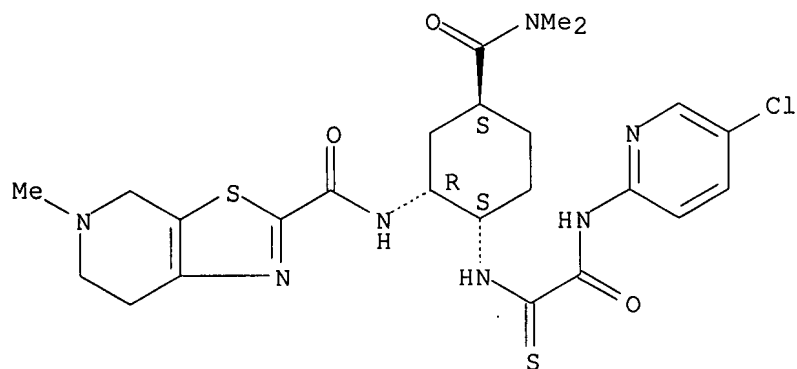


RN 480449-04-5 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

Updated Search

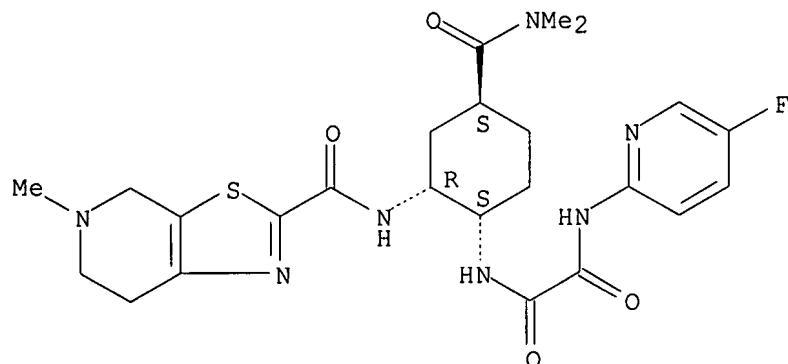
10773344



RN 480449-09-0 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480449-10-3 HCAPLUS

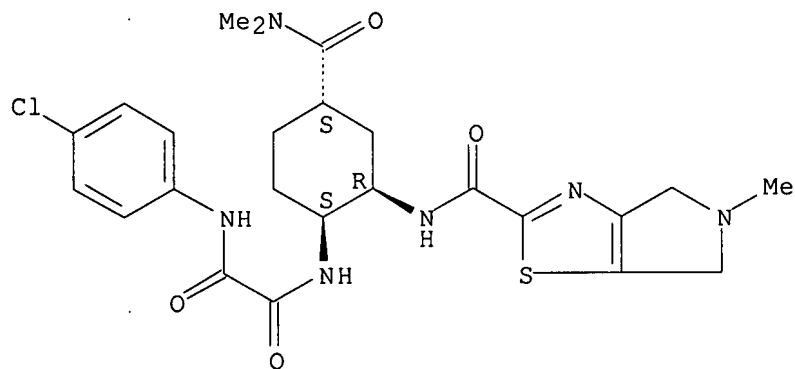
CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344

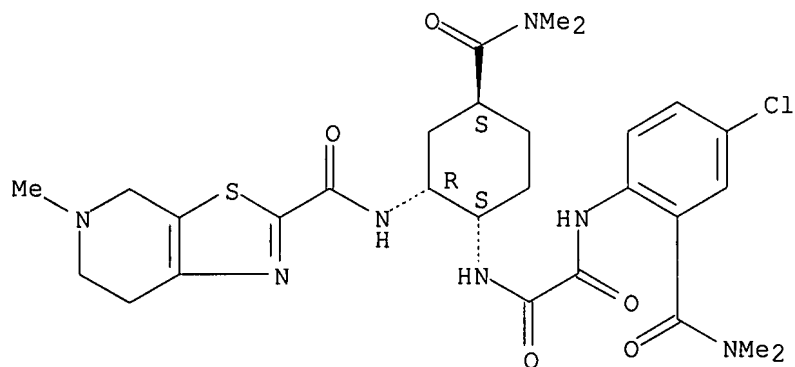


● HCl

RN 480449-13-6 HCAPLUS

CN Ethanediame, N-[4-chloro-2-[(dimethylamino)carbonyl]phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

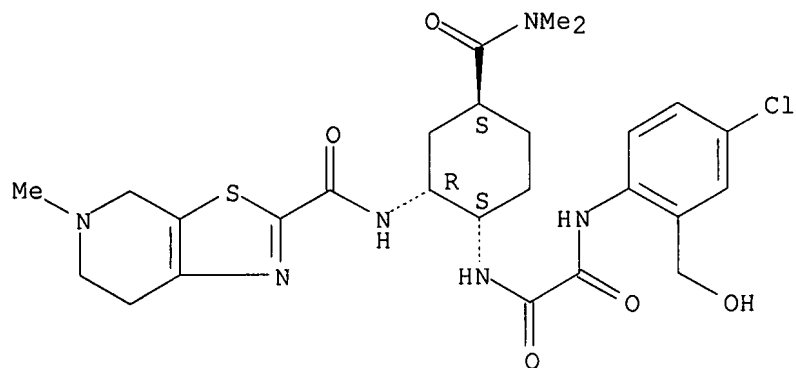
RN 480449-14-7 HCAPLUS

CN Ethanediame, N-[4-chloro-2-(hydroxymethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

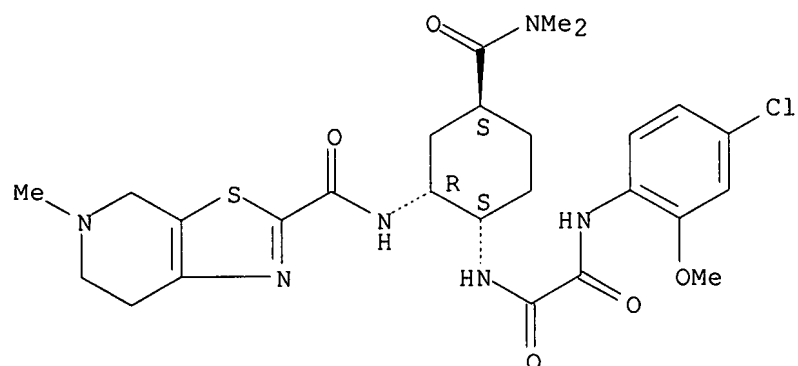
10773344



● HCl

RN 480449-15-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-methoxyphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



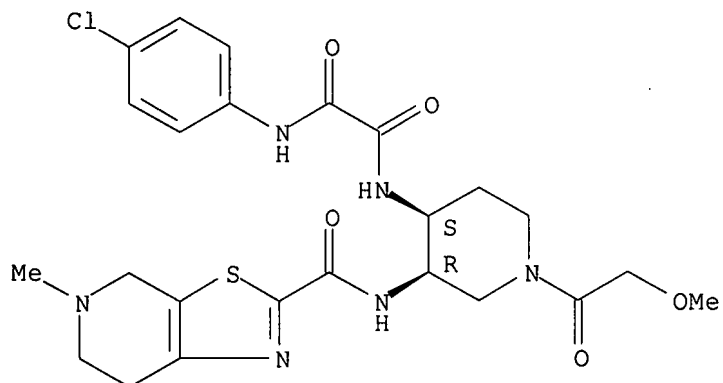
● HCl

RN 480449-17-0 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

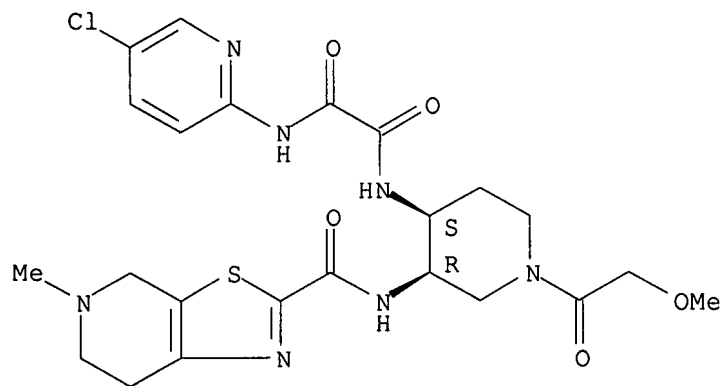


● HCl

RN 480449-18-1 HCAPLUS

CN Ethanedi-1-amine, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

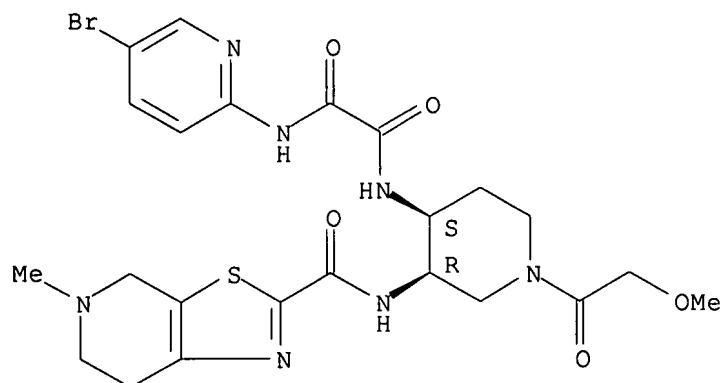
RN 480449-19-2 HCAPLUS

CN Ethanedi-1-amine, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

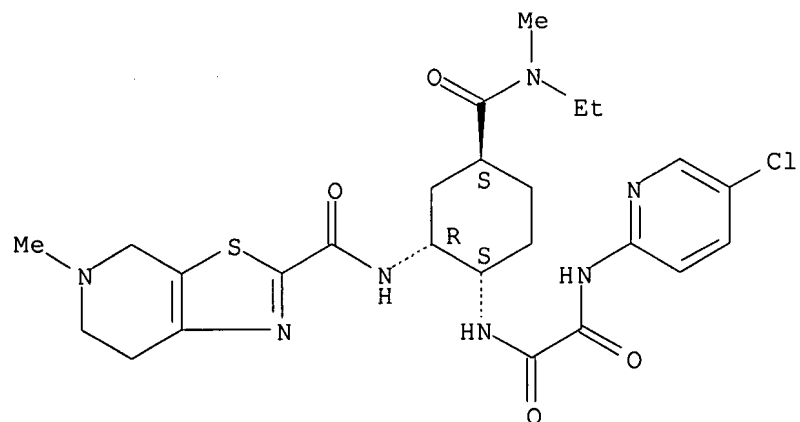
10773344



● HCl

RN 480449-22-7 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



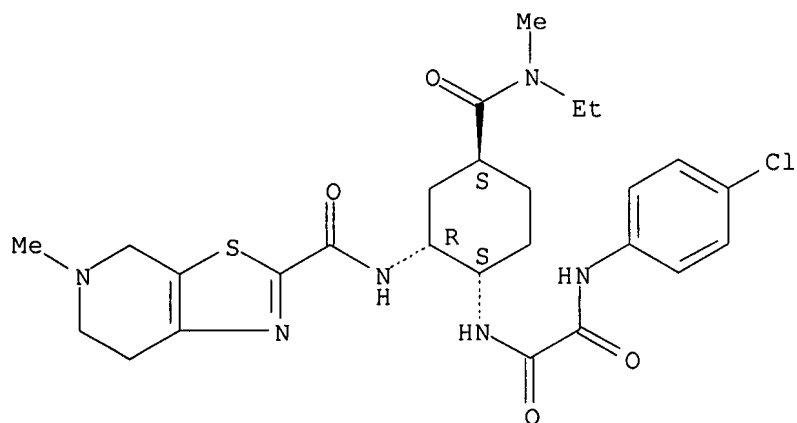
● HCl

RN 480449-23-8 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

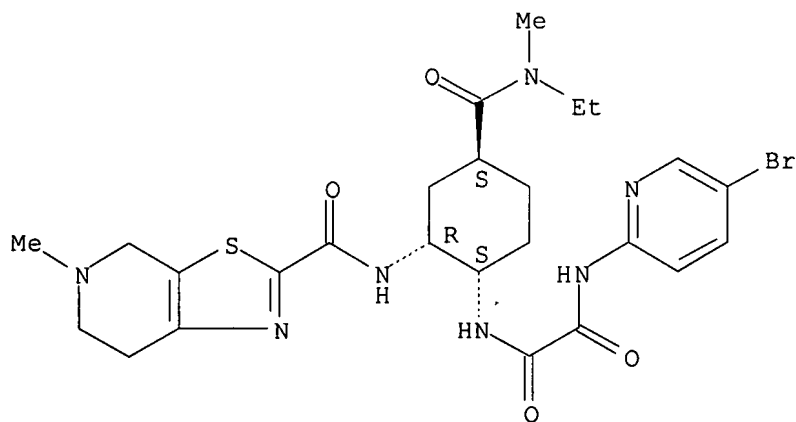
10773344



● HCl

RN 480449-24-9 HCAPLUS  
CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



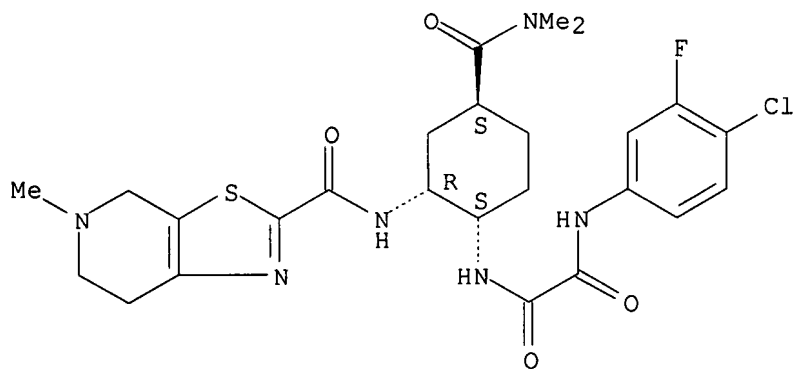
● HCl

RN 480449-25-0 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

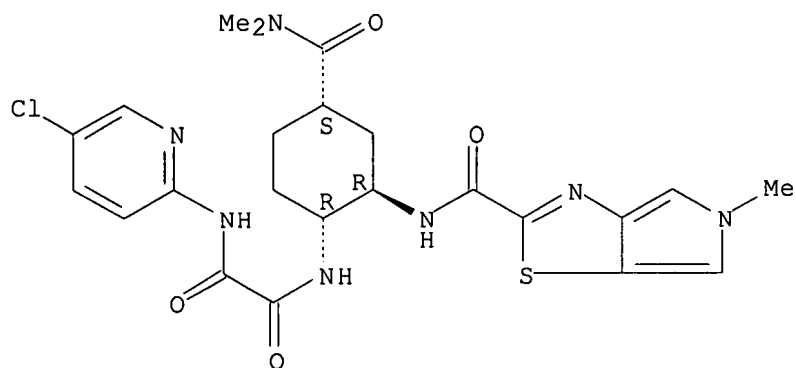


● HCl

RN 480449-27-2 HCAPLUS

CN Ethanedi- amide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[5-methyl-5H-pyrrolo[3,4-d]thiazol-2-  
yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



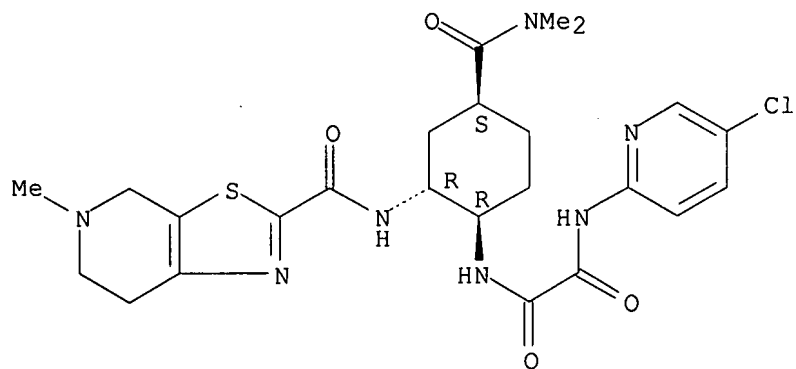
RN 480449-28-3 HCAPLUS

CN Ethanedi- amide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

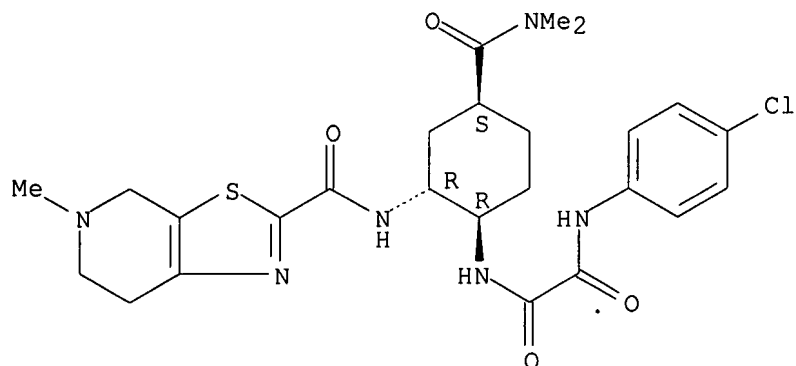
10773344



● HCl

RN 480449-29-4 HCAPLUS  
CN Ethanediamic acid, N-(4-chlorophenyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4-(4-chlorophenyl)-2-pyridyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

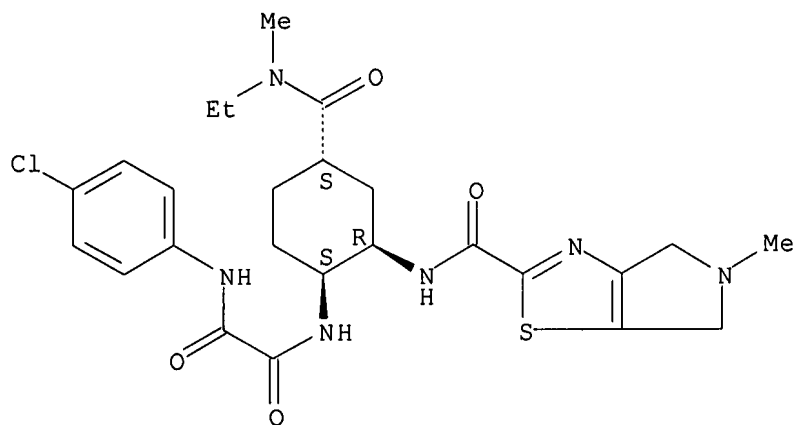


RN 480449-36-3 HCAPLUS  
CN Ethanediamic acid, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[4-(4-chlorophenyl)-2-pyridyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

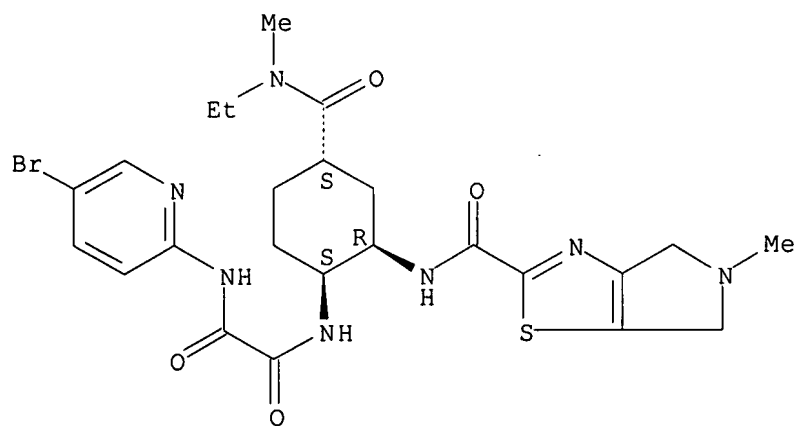
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● HCl

RN 480449-37-4 HCAPLUS  
CN Ethanediameide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

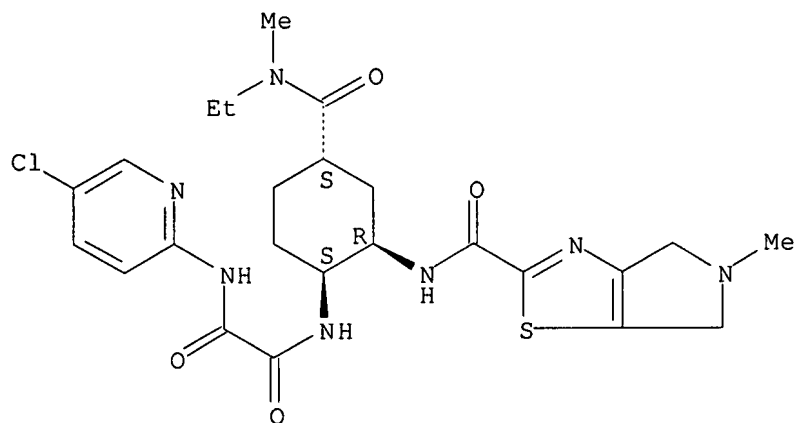
RN 480449-38-5 HCAPLUS  
CN Ethanediameide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



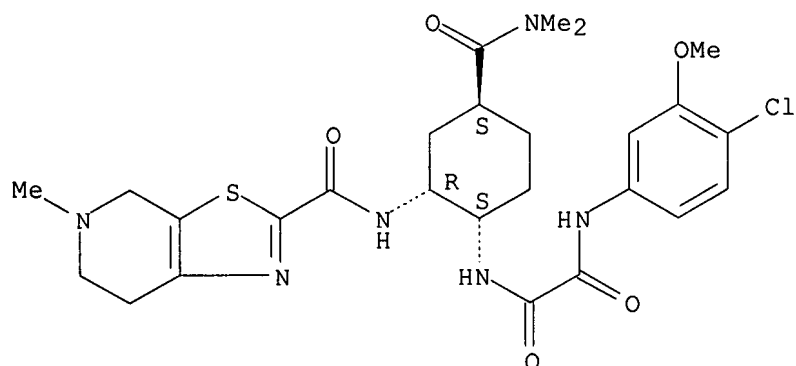
10773344



● HCl

RN 480449-39-6 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-methoxyphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



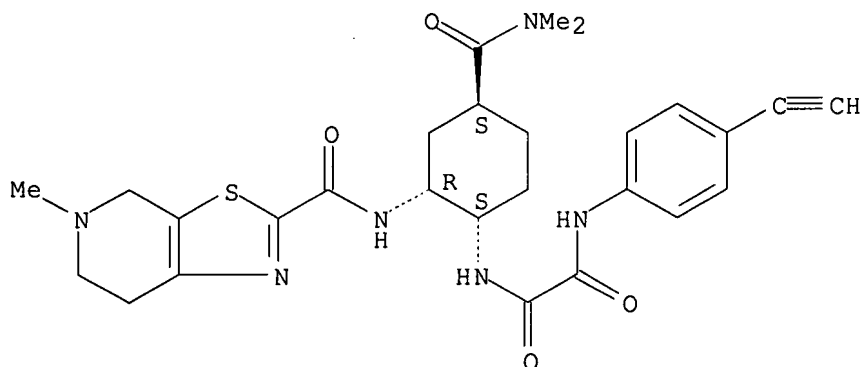
● HCl

RN 480449-42-1 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-  
tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-  
N'-(4-ethynylphenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

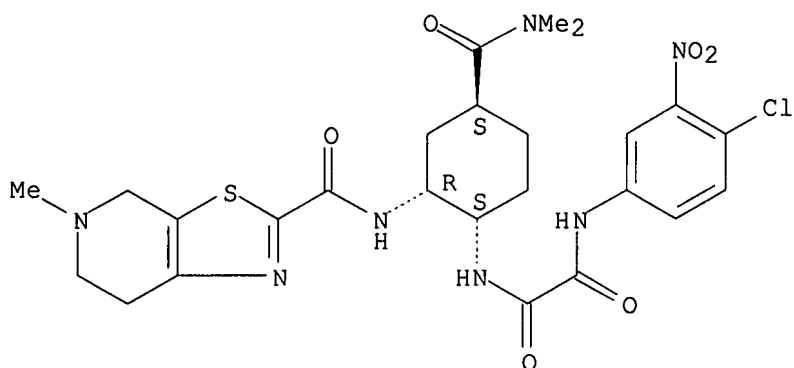
10773344



RN 480449-44-3 HCAPLUS

CN Ethanediamide, N-(4-chloro-3-nitrophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

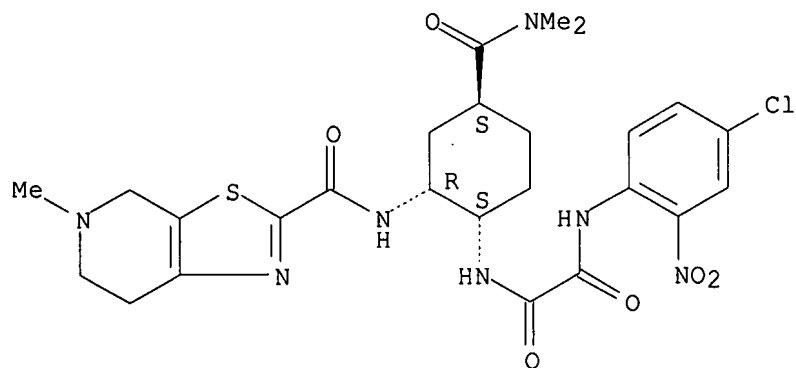
RN 480449-45-4 HCAPLUS

CN Ethanediamide, N-(4-chloro-2-nitrophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

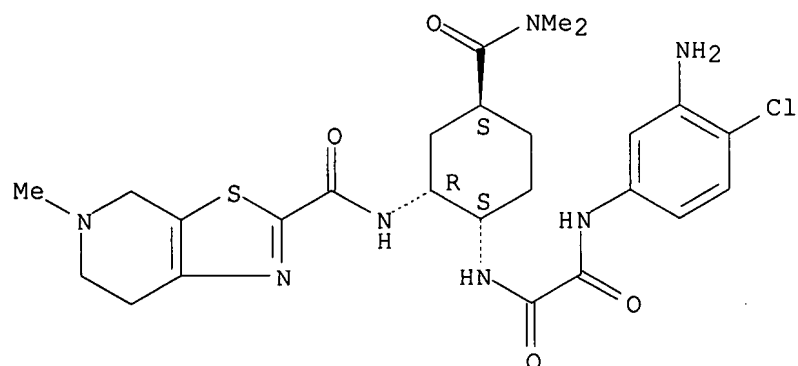
10773344



● HCl

RN 480449-47-6 HCAPLUS  
CN Ethanediame, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



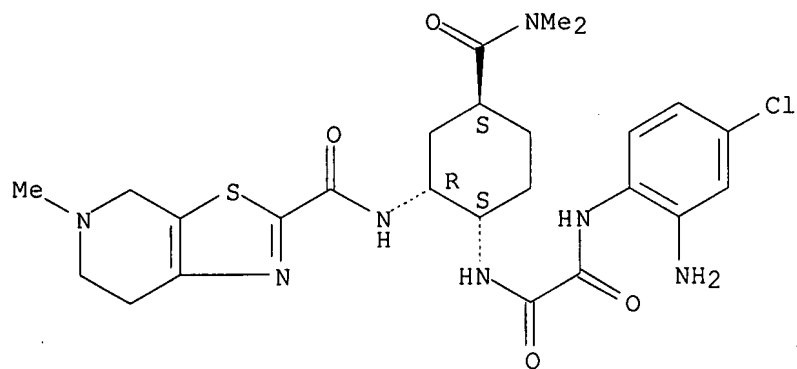
● HCl

RN 480449-48-7 HCAPLUS  
CN Ethanediame, N-(2-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

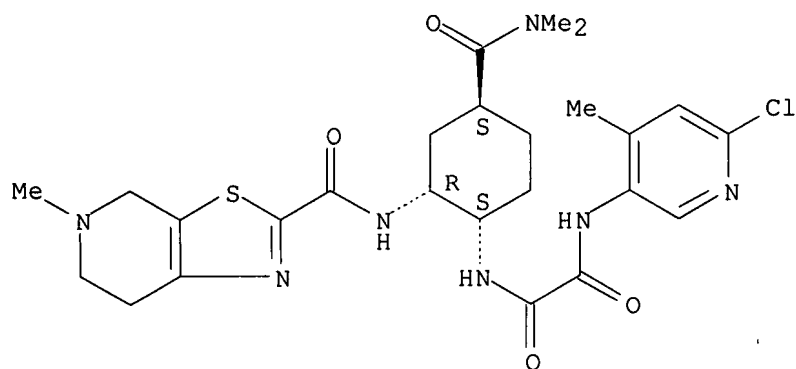
10773344



● HCl

RN 480449-49-8 HCAPLUS  
CN Ethanediame, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



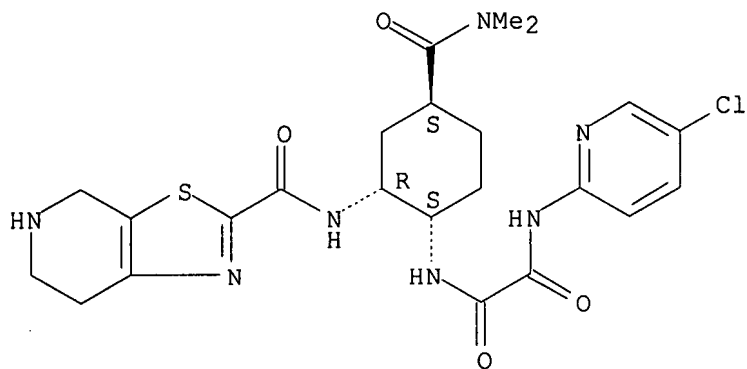
● HCl

RN 480449-52-3 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-  
yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

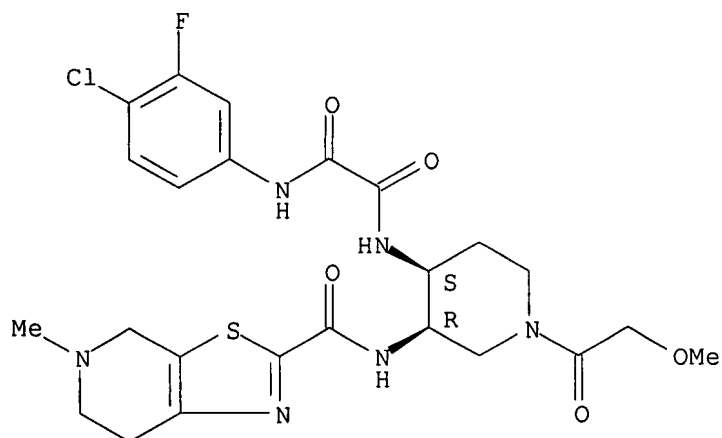
10773344



● HCl

RN 480449-56-7 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-fluorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidiny]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



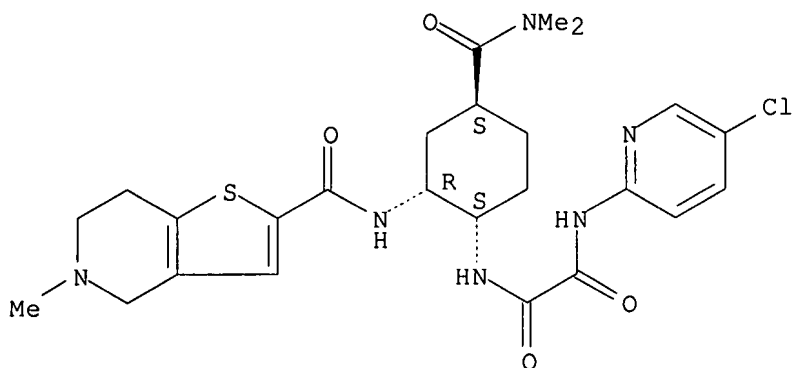
● HCl

RN 480449-62-5 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthieno[3,2-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

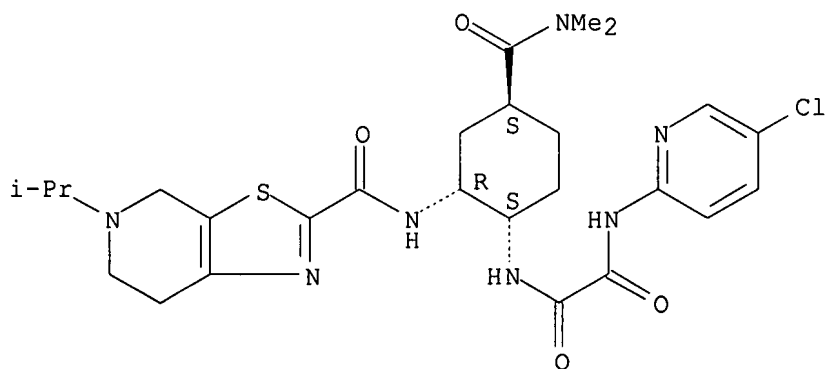
10773344



● HCl

RN 480449-63-6 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-  
methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



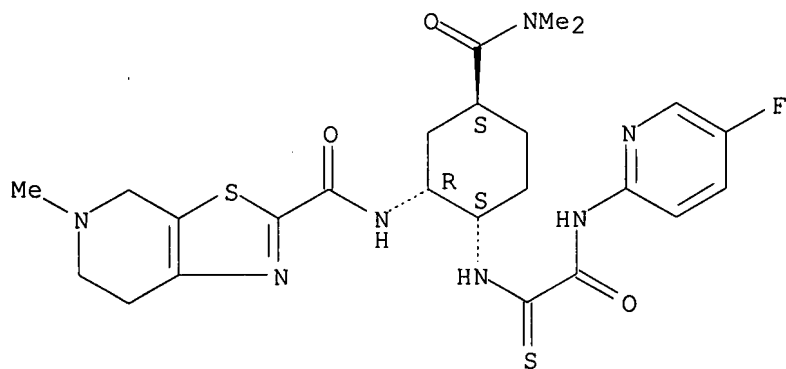
● HCl

RN 480449-65-8 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-  
[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-  
thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

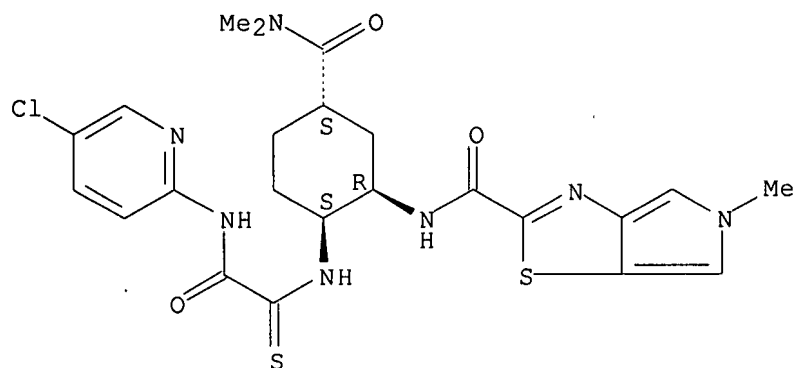
10773344



● HCl

RN 480449-66-9 HCAPLUS  
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

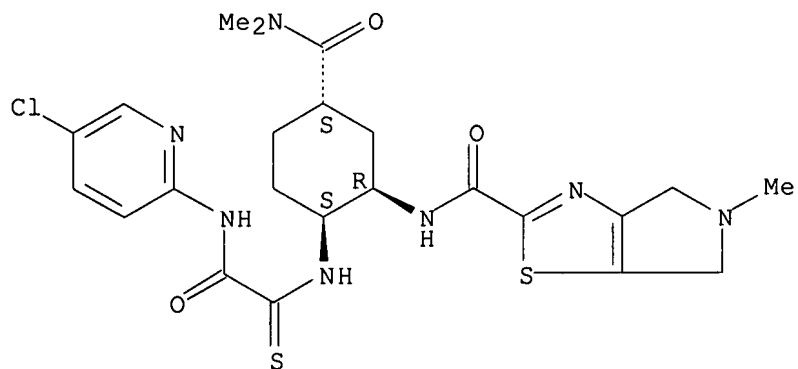


RN 480449-67-0 HCAPLUS  
CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

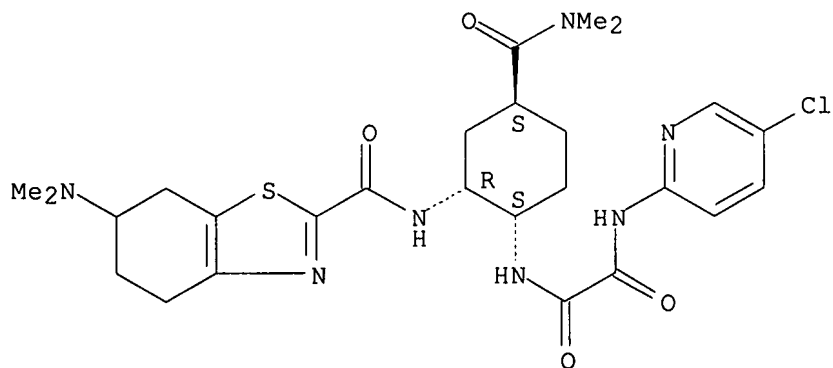
10773344



● HCl

RN 480449-68-1 HCAPLUS  
CN Ethanediamic acid, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[6-(dimethylamino)-4,5,6,7-tetrahydro-2-  
benzothiazolyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



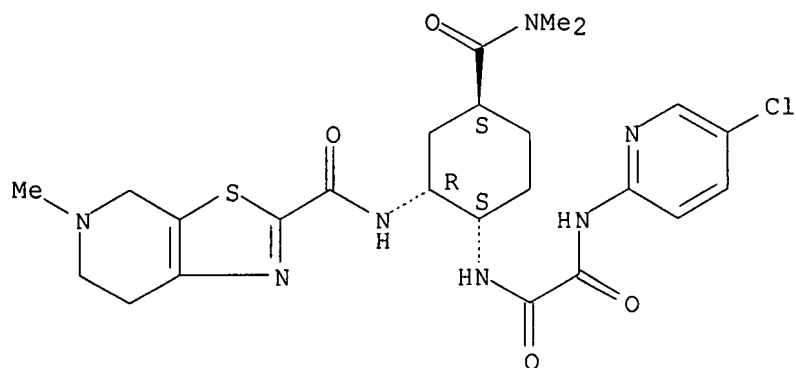
RN 480449-70-5 HCAPLUS  
CN Ethanediamic acid, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344

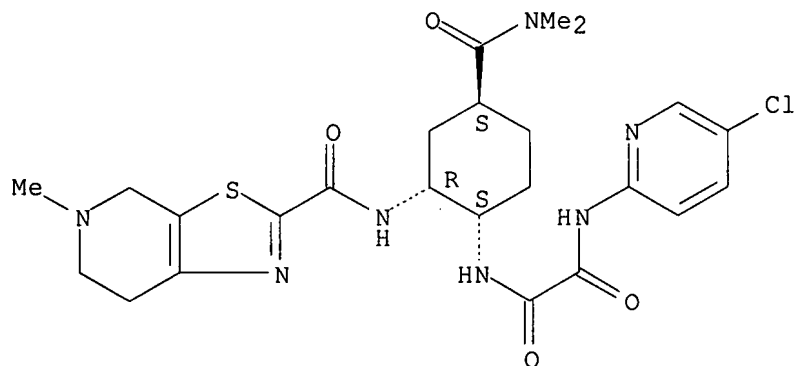


RN 480449-71-6 HCAPLUS  
CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, 4-methylbenzenesulfonate (1:1)  
(CA INDEX NAME)

CM 1

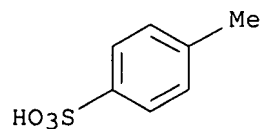
CRN 480449-70-5  
CMF C24 H30 Cl N7 O4 S

Absolute stereochemistry.



CM 2

CRN 104-15-4  
CMF C7 H8 O3 S



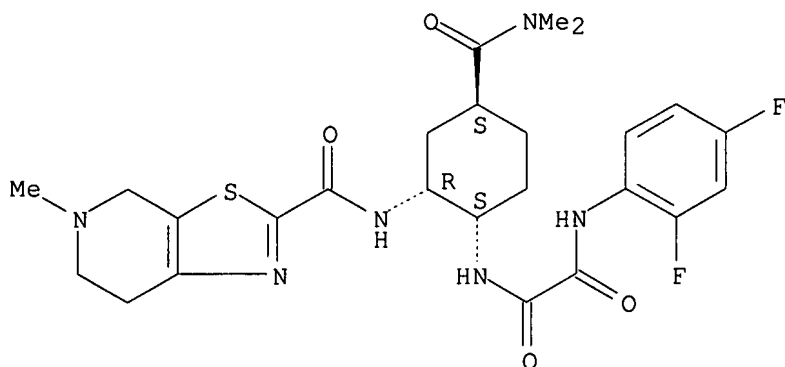
RN 482376-46-5 HCAPLUS  
CN Ethanediame, N-(2,4-difluorophenyl)-N'-[(1S,2R,4S)-4-

Updated Search

10773344

[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

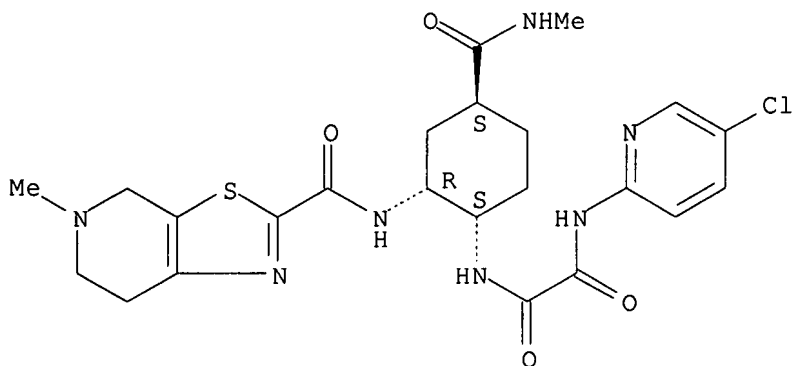
Absolute stereochemistry.



RN 500572-21-4 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

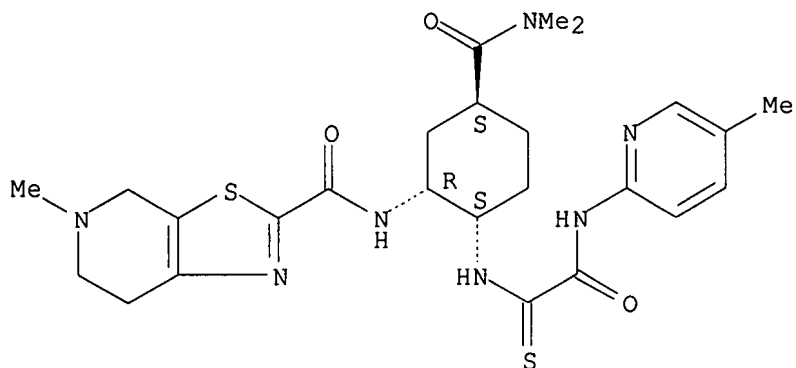
RN 500572-23-6 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

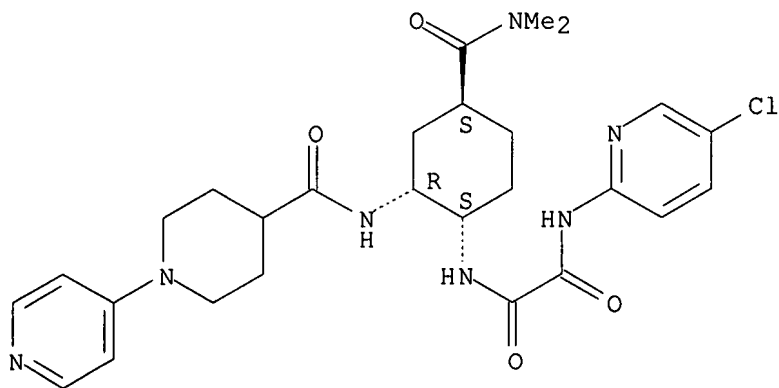
10773344



● HCl

RN 500572-30-5 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[1-(4-pyridinyl)-4-  
piperidinyl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



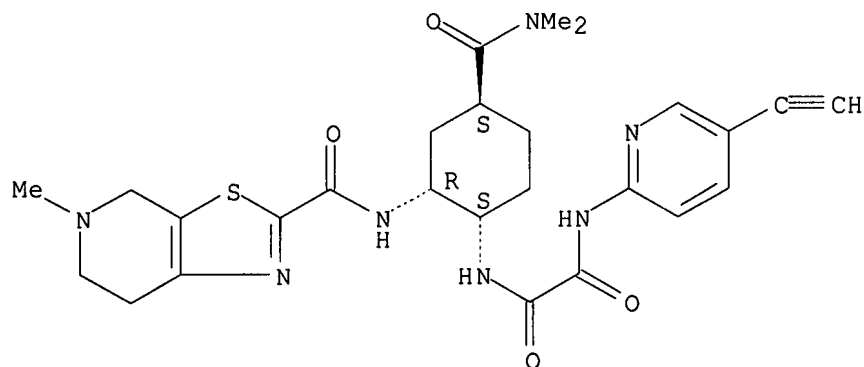
● HCl

RN 500572-31-6 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-  
tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-  
N'-(5-ethynyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

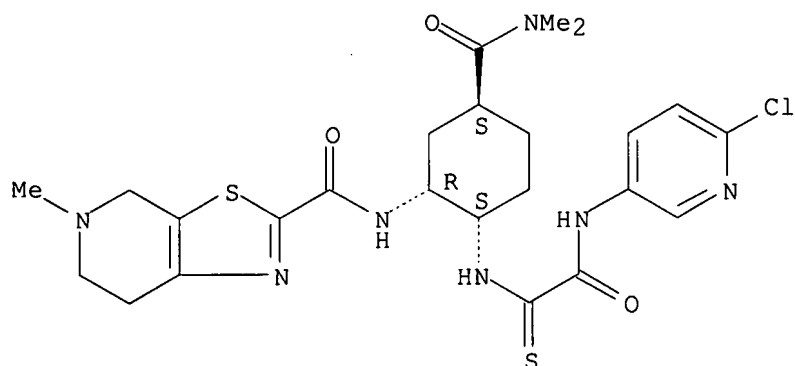
• •



RN 500572-34-9 HCAPLUS

Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

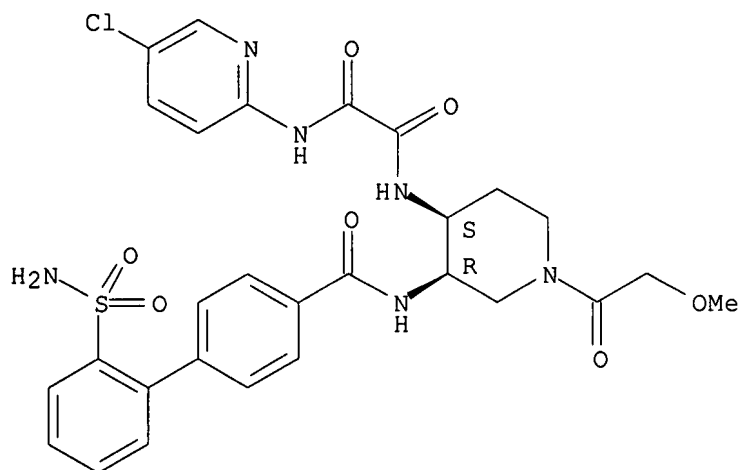
RN 500572-35-0 HCAPLUS

CN Ethanediarnide, N-[(3R,4S)-3-[[[2'-(aminosulfonyl)[1,1'-biphenyl]-4-yl]carbonyl]amino]-1-(methoxyacetyl)-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

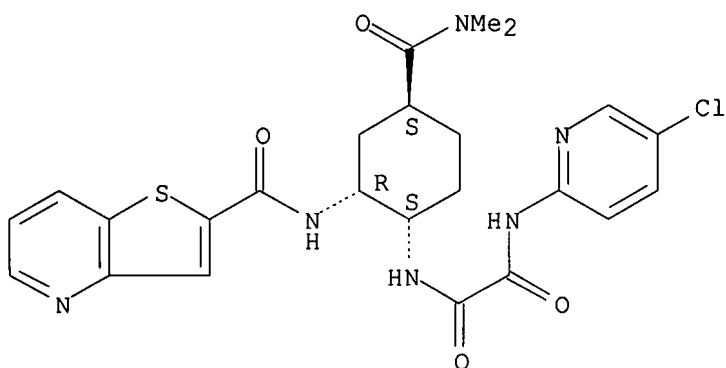
Updated Search

10773344



RN 500572-36-1 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[(thieno[3,2-b]pyridin-2-  
ylcarbonyl)amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



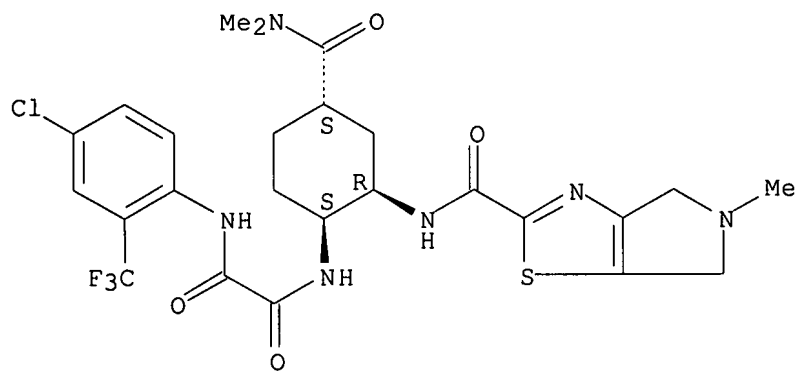
● HCl

RN 834919-12-9 HCAPLUS  
CN Ethanediamide, N-[4-chloro-2-(trifluoromethyl)phenyl]-N'-[(1S,2R,4S)-2-  
[[5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl]carbonyl]amino]-4-  
[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX  
NAME)

Absolute stereochemistry.

Updated Search

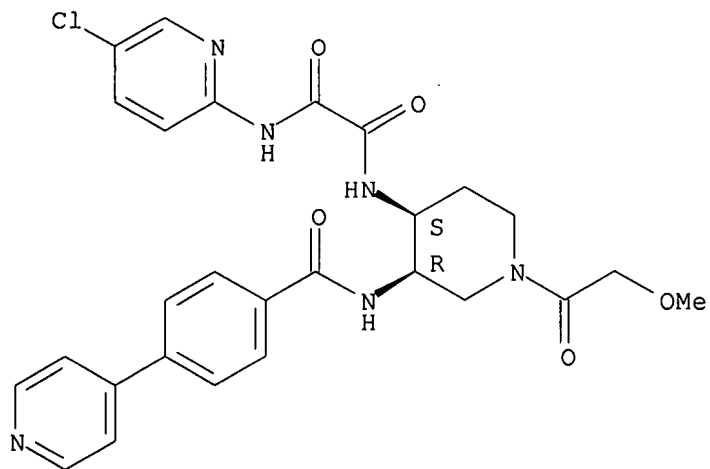
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● HCl

RN 834919-14-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4-(4-pyridinyl)benzoyl]amino]-4-piperidinyl]-, monohydrochloride (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



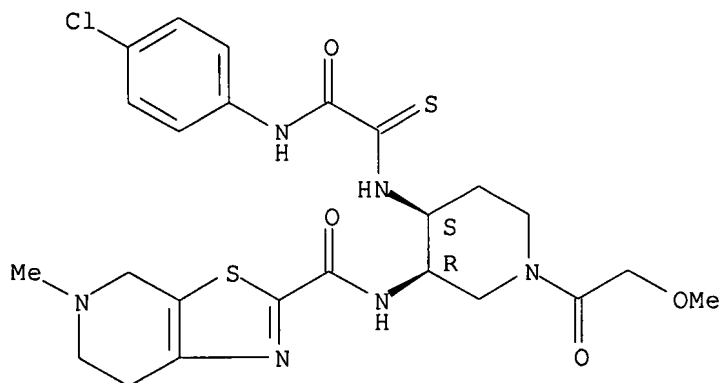
● HCl

RN 834919-15-2 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-4-[[2-[(4-  
chlorophenyl)amino]-2-oxo-1-thioxoethyl]amino]-1-(methoxyacetyl)-3-  
piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

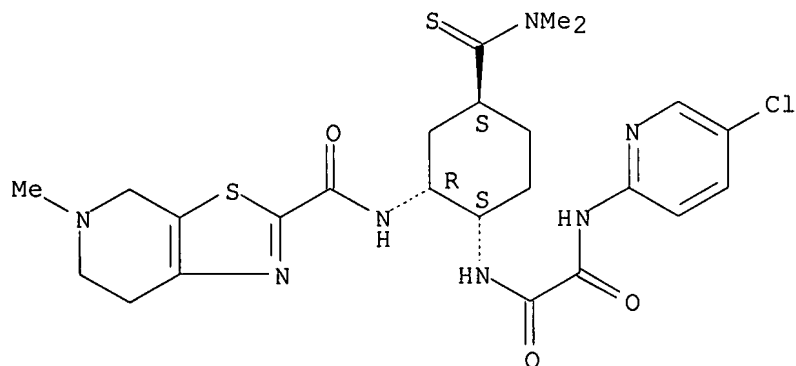
10773344



● HCl

RN 834919-16-3 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)thioxomethyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



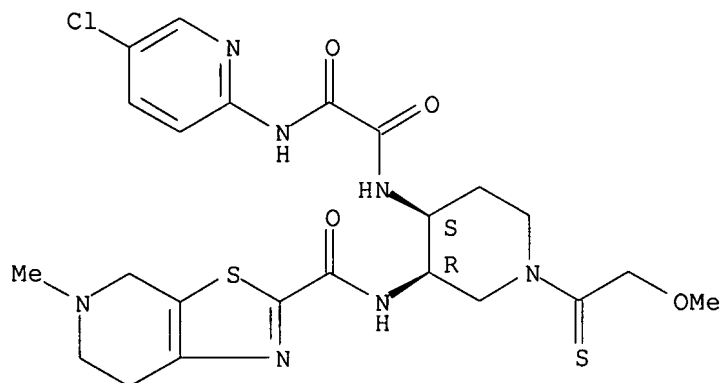
● HCl

RN 834919-17-4 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(2-methoxy-1-  
thioxoethyl)-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-  
yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX  
NAME)

Absolute stereochemistry.

Updated Search

10773344

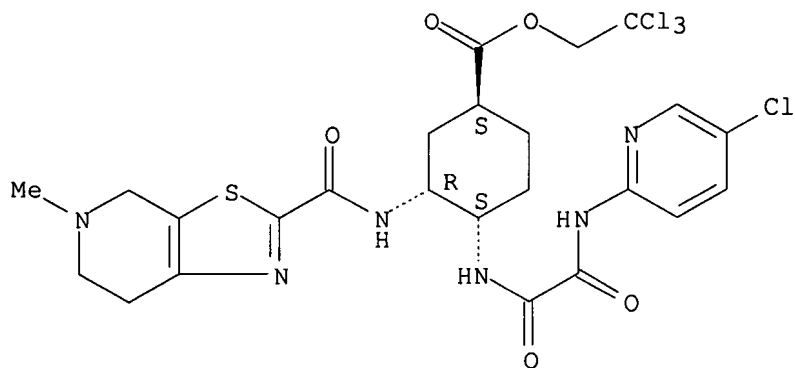


● HCl

RN 834919-18-5 HCAPLUS

CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 834919-19-6 HCAPLUS

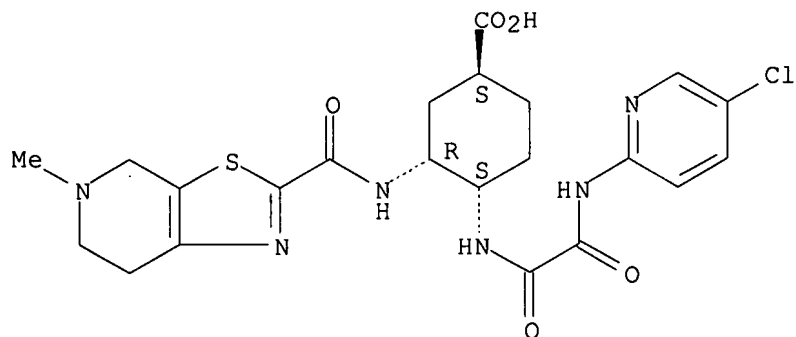
CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



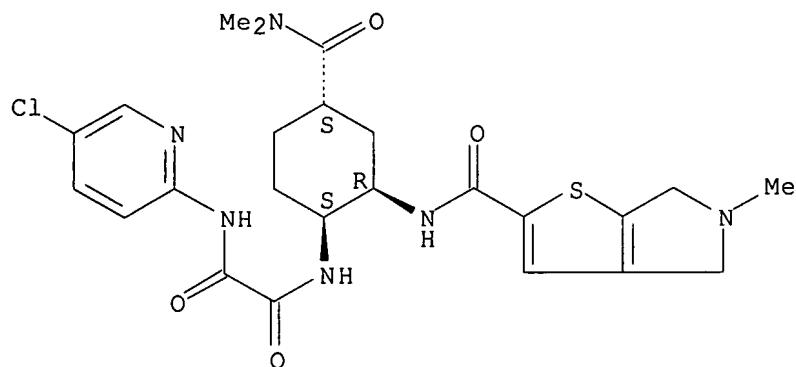
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RN 834919-20-9 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[[(5,6-dihydro-5-methyl-4H-thieno[2,3-c]pyrrol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 480448-45-1P 480452-38-8P 480452-49-1P

834919-05-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of diamine derivs. useful as anticoagulants)

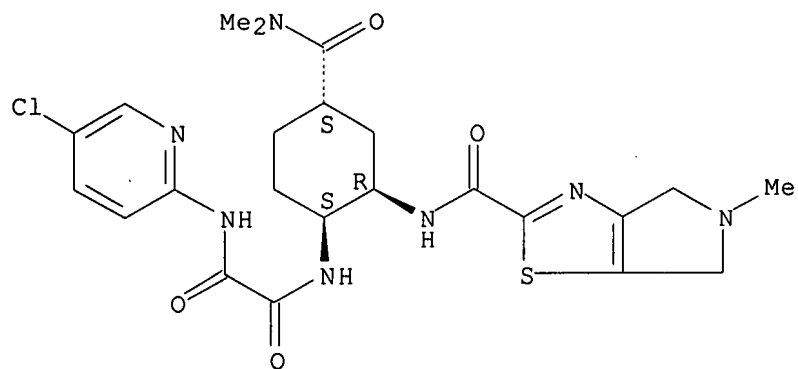
RN 480448-45-1 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[[(5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

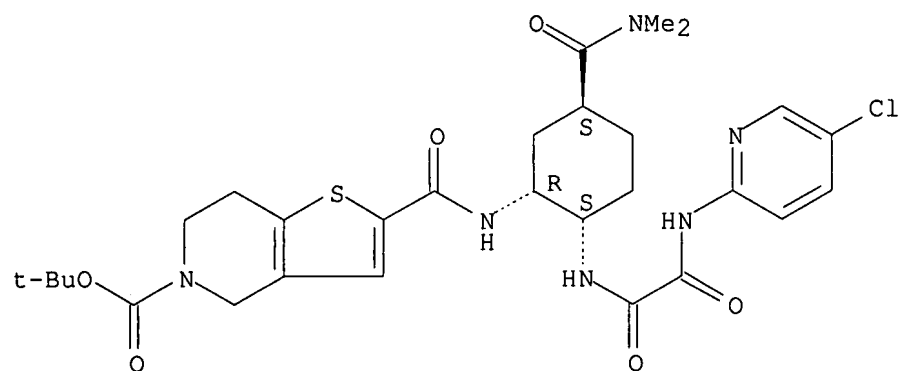


● HCl

RN 480452-38-8 HCAPLUS

CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



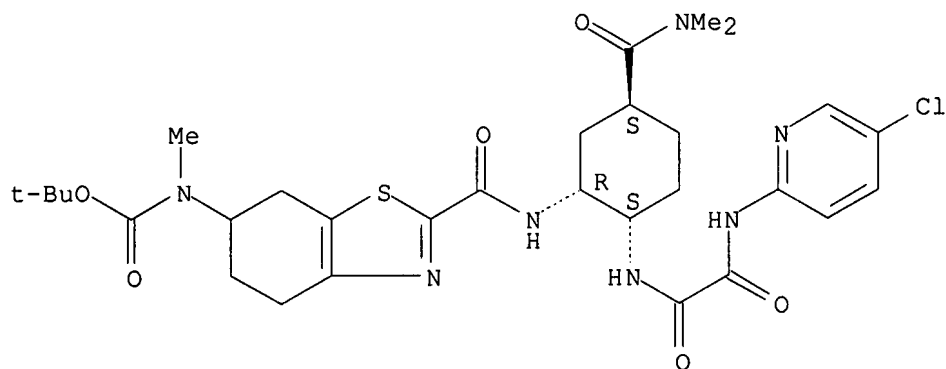
RN 480452-49-1 HCAPLUS

CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

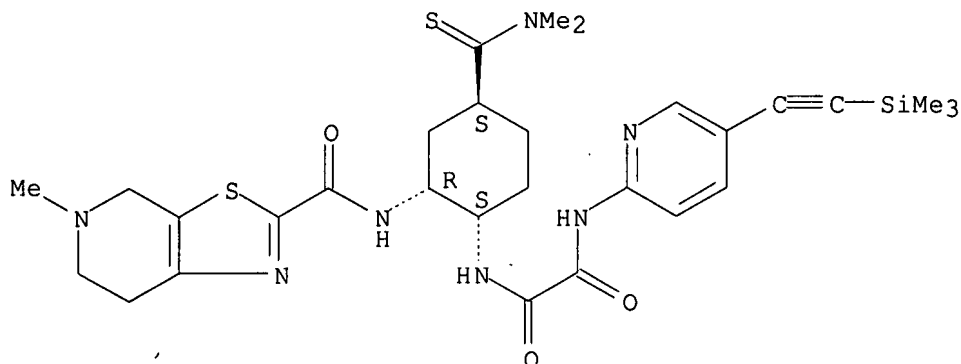
10773344



RN 834919-05-0 HCAPLUS

CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)thioxomethyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[5-[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:565212 HCAPLUS

DOCUMENT NUMBER: 141:106461

TITLE: Preparation of heterocyclyl moiety-containing diamine derivatives as factor Xa inhibitors

INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 1156 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058715	A1	20040715	WO 2003-JP16783	20031225

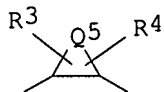
Updated Search

10773344

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GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,  
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,  
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,  
BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,  
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CA 2511493	A1	20040715	CA 2003-2511493	20031225
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EP 1577301	A1	20050921	EP 2003-768266	20031225
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CN 1751025	A	20060322	CN 2003-80109746	20031225
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			JP 2005-509755	A3 20031225
			WO 2003-JP16783	W 20031225

OTHER SOURCE(S): MARPAT 141:106461  
GI



I

AB The title compds. Q1-Q2-T0-N(R1)-Q3-N(R2)-T1-Q4 [R1 and R2 represent each hydrogen, etc.; Q1 represents optionally substituted and saturated or unsatd. 5- to 6-membered cyclic hydrocarbonyl, etc.; Q2 represents a single bond, etc.; Q3 represents I (wherein Q5 represent C1-8 alkylene, etc.; R3, R4 = H, alkyl, etc.; further detail on R3 and R4 is given); and T0 and T1 represent each carbonyl, etc.; Q4 represents (un)substituted aryl, etc.] its salt, solvates thereof or N-oxides of the same are prepared These compds. are useful as preventives and/or remedies for cerebral infarction, cerebral embolism, myocardial infarction, angina, pulmonary infarction, pulmonary embolism, Burger's disease, multiorgan dysfunction syndrome (MODS), thrombosis in extracorporeal circulation and blood coagulation in blood collection, etc. Compds. of this invention in vitro showed IC50 values of 0.72 nM to 86 nM against human factor Xa.

IT 480448-28-0P 480448-29-1P 480448-30-4P  
480448-31-5P 480448-32-6P 480448-33-7P  
480448-34-8P 480448-35-9P 480448-36-0P  
480448-37-1P 480448-39-3P 480448-41-7P  
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Updated Search

10773344

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480449-64-7P 480449-65-8P 480449-66-9P  
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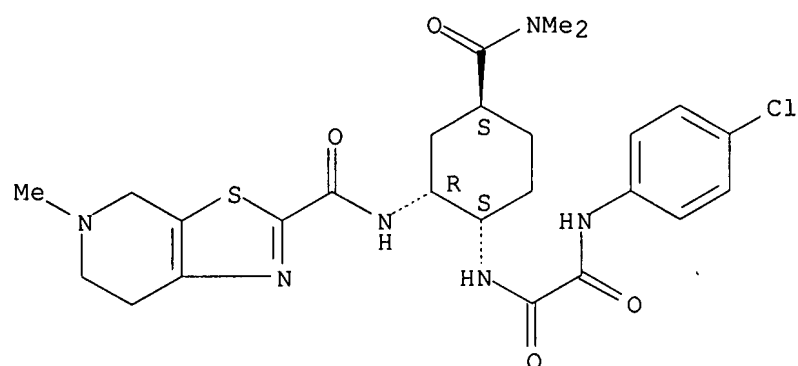
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of heterocyclcyl moiety-containing diamines as factor Xa  
inhibitors)

RN 480448-28-0 HCAPLUS

CN Ethanediameide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480448-29-1 HCAPLUS

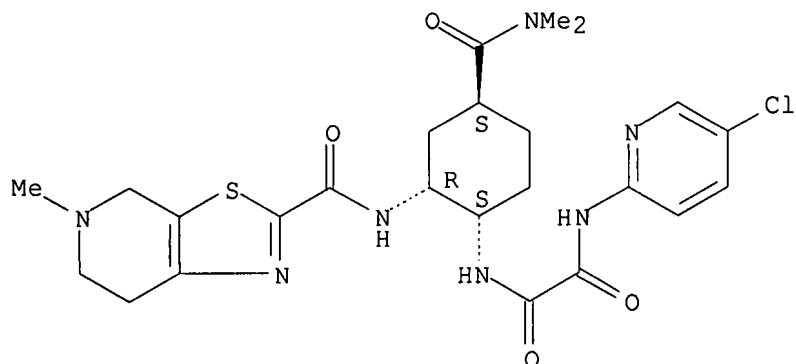
CN Ethanediameide, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-

Updated Search

10773344

[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX NAME)

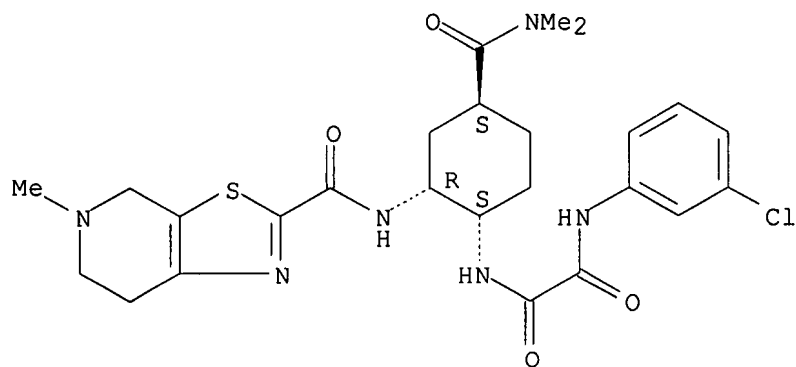
Absolute stereochemistry.



● HCl

RN 480448-30-4 HCAPLUS  
CN Ethanedi-1-yl, N-(3-chlorophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



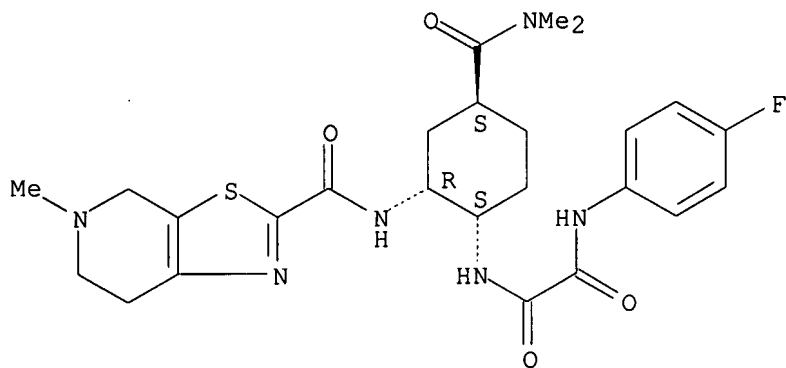
● HCl

RN 480448-31-5 HCAPLUS  
CN Ethanedi-1-yl, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(4-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

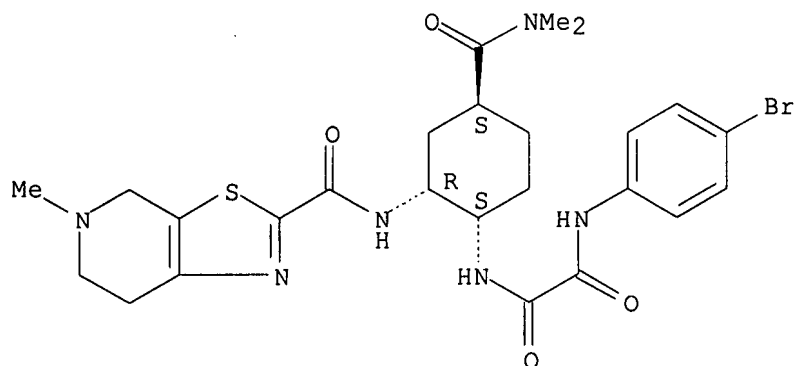
10773344



● HCl

RN 480448-32-6 HCAPLUS  
CN Ethanediame, N-(4-bromophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



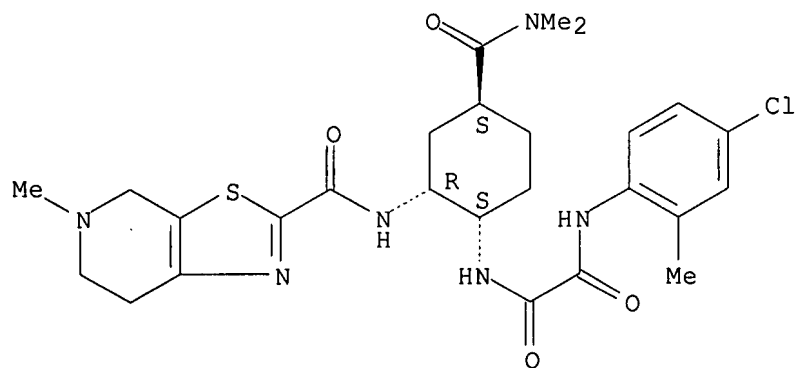
● HCl

RN 480448-33-7 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-methylphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

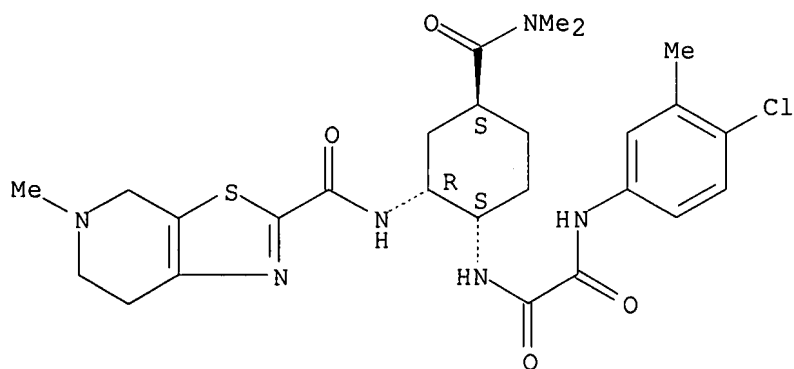
10773344



● HCl

RN 480448-34-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-methylphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

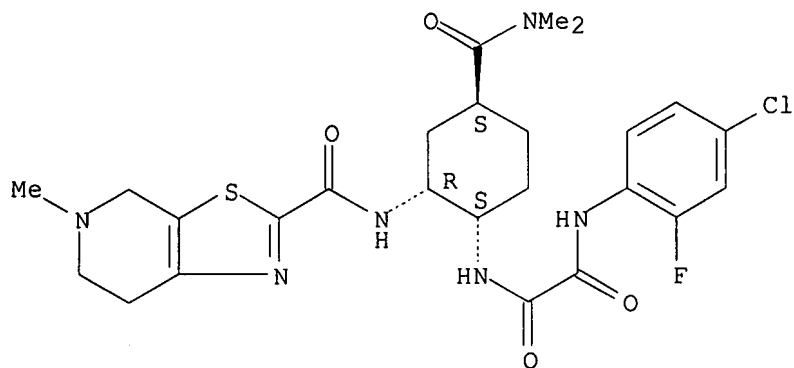
RN 480448-35-9 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search



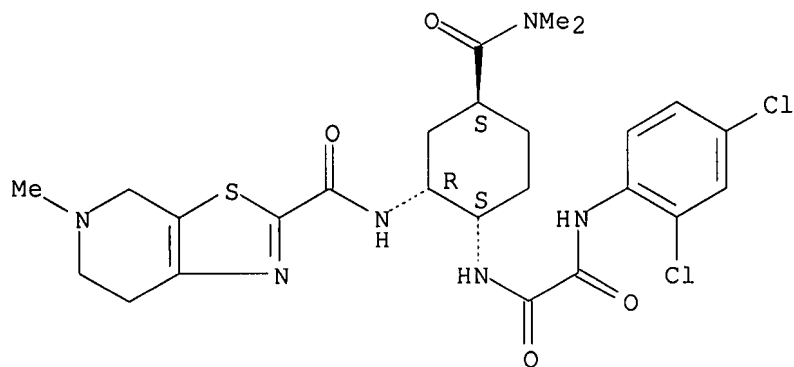
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● HCl

RN 480448-36-0 HCAPLUS  
CN Ethanediame, N-(2,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



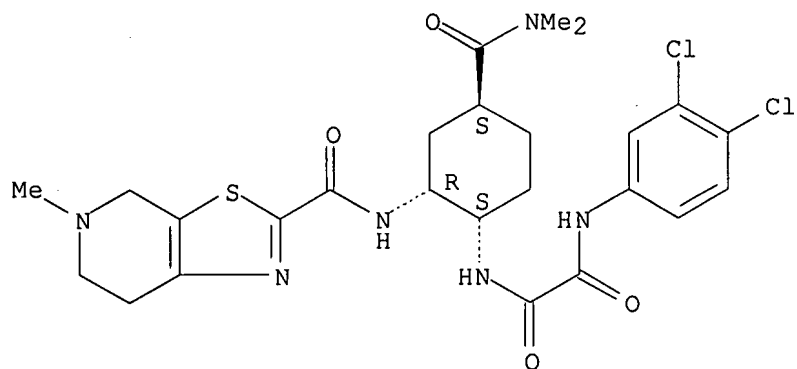
● HCl

RN 480448-37-1 HCAPLUS  
CN Ethanediame, N-(3,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

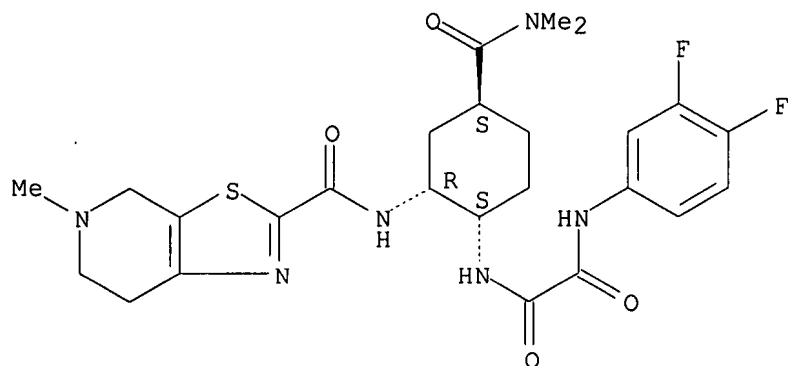
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RN 480448-39-3 HCAPLUS

CN Ethanediame, N-(3,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



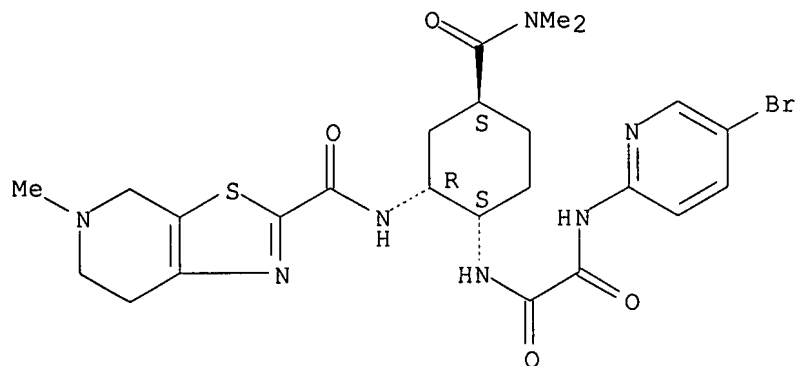
RN 480448-41-7 HCAPLUS

CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

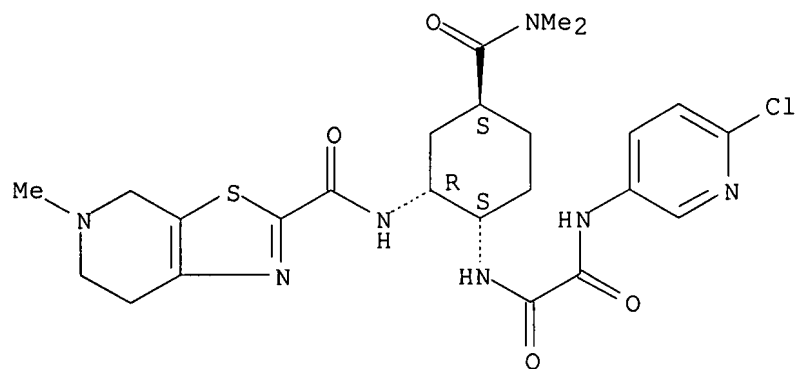
10773344



● HCl

RN 480448-42-8 HCAPLUS  
CN Ethanediame, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



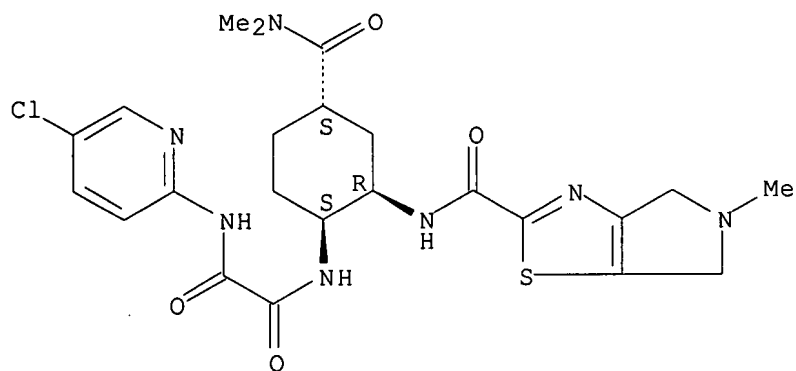
● HCl

RN 480448-45-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[[5,6-dihydro-5-  
methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-  
[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX  
NAME)

Absolute stereochemistry.

Updated Search

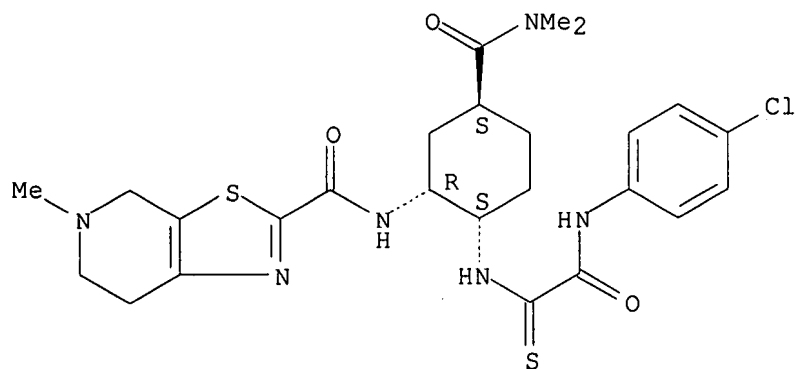
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● HCl

RN 480449-02-3 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(4-chlorophenyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

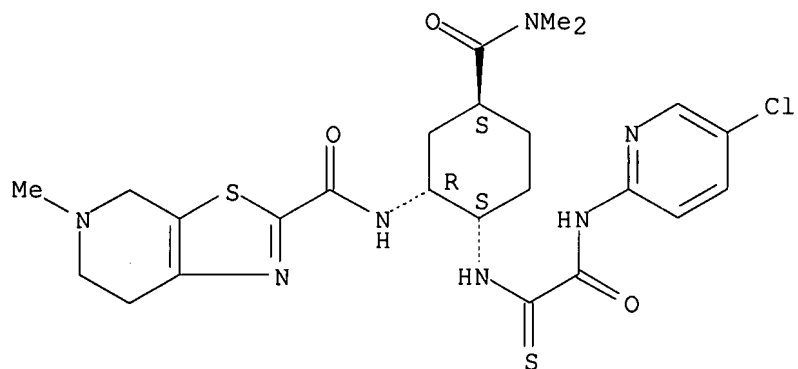


RN 480449-04-5 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

Updated Search

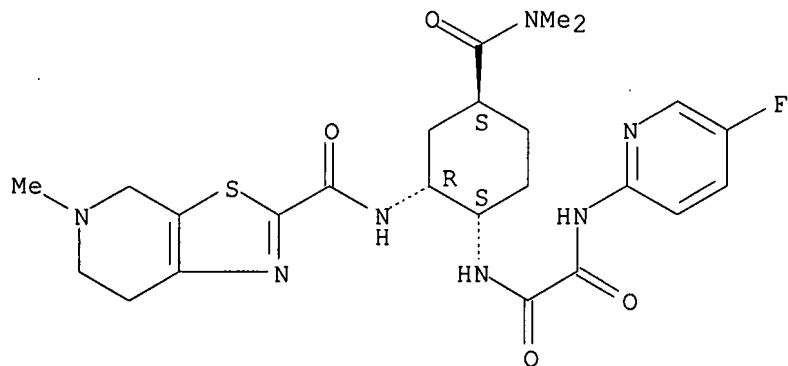
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RN 480449-09-0 HCAPLUS

CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

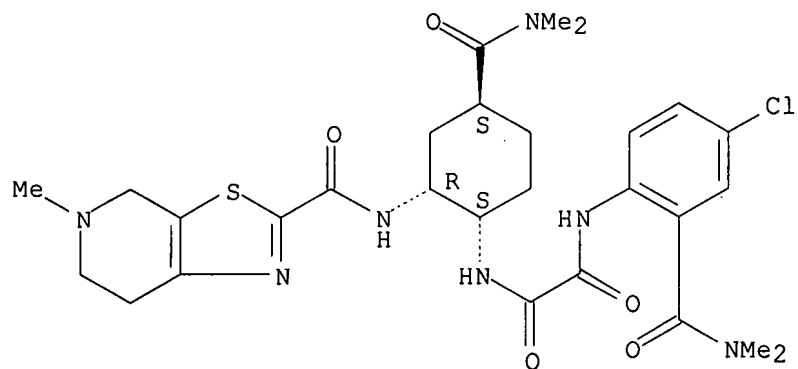
RN 480449-13-6 HCAPLUS

CN Ethanediamide, N-[4-chloro-2-[(dimethylamino)carbonyl]phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

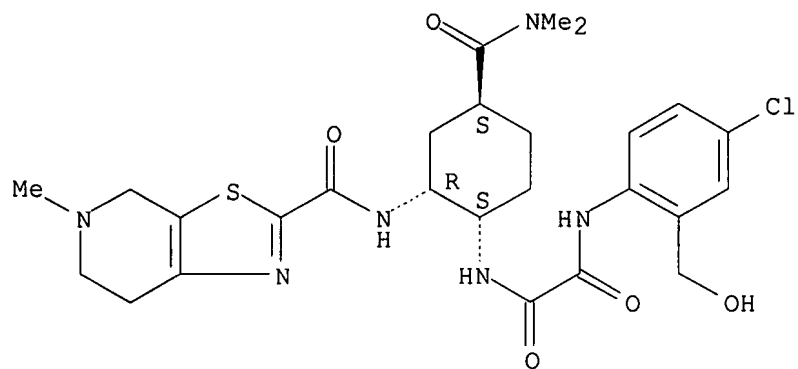
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● HCl

RN 480449-14-7 HCAPLUS  
CN Ethanediame, N-[4-chloro-2-(hydroxymethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



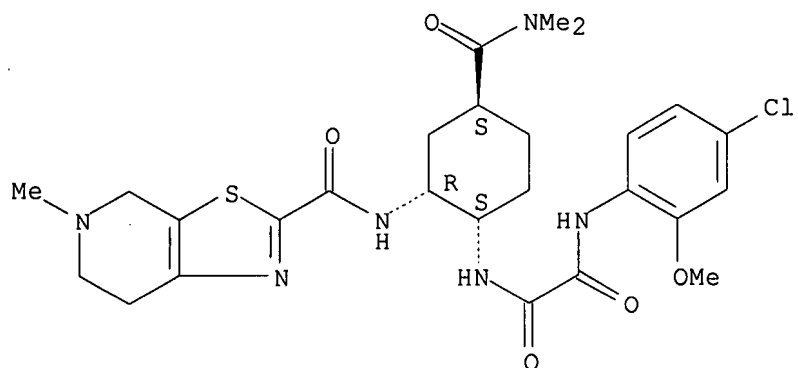
● HCl

RN 480449-15-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-methoxyphenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

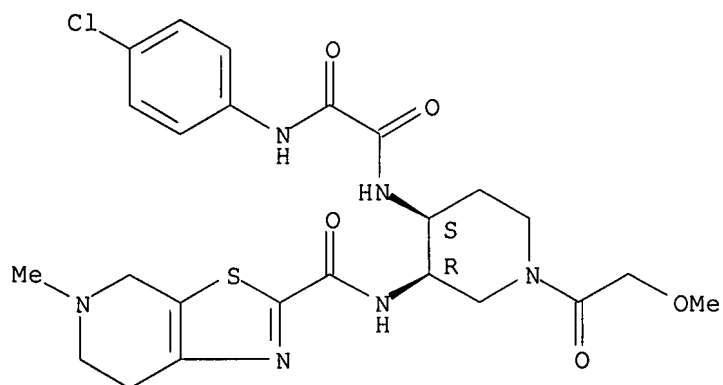
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● HCl

RN 480449-17-0 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidiny]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



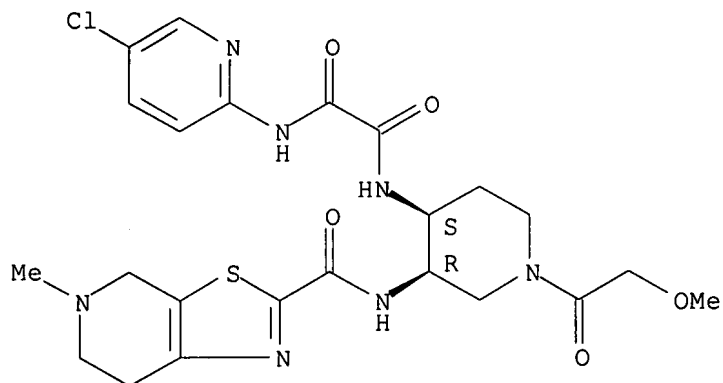
● HCl

RN 480449-18-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidiny]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

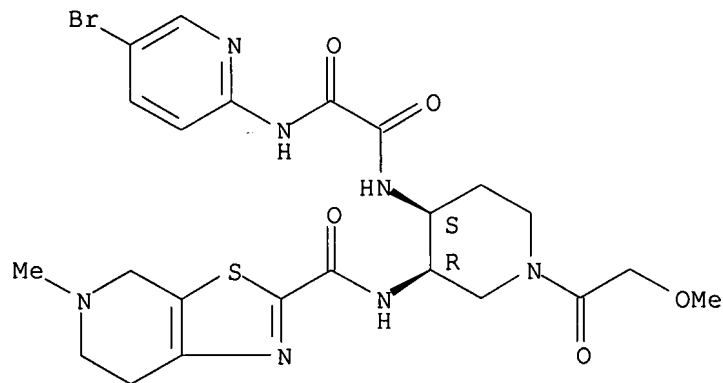


● HCl

RN 480449-19-2 HCAPLUS

CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-  
4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480449-22-7 HCAPLUS

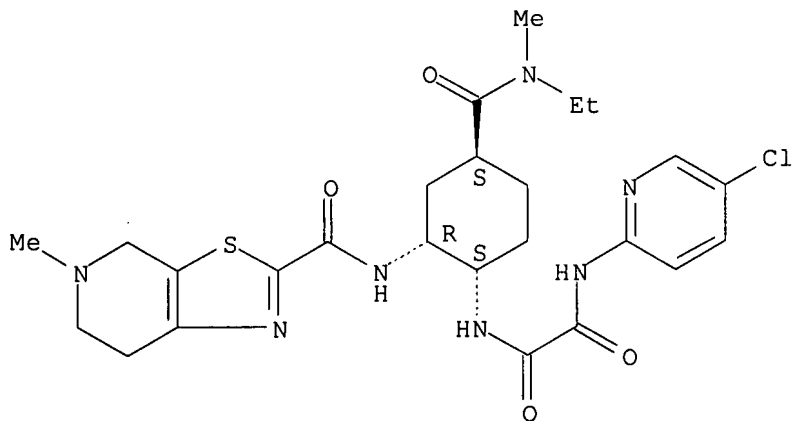
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search



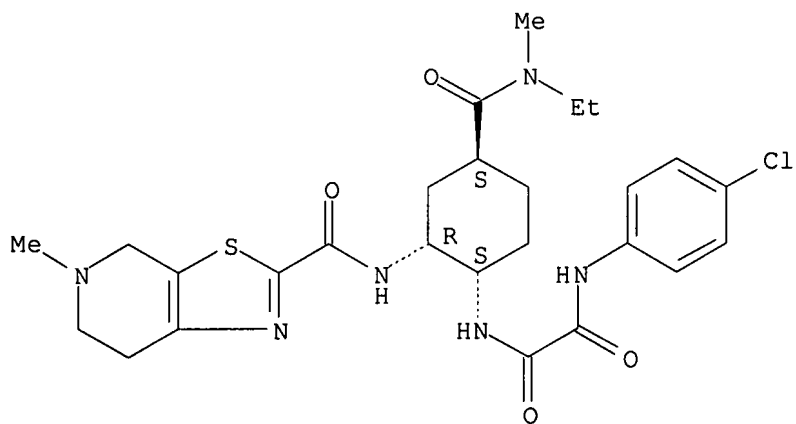
10773344



● HCl

RN 480449-23-8 HCAPLUS  
CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



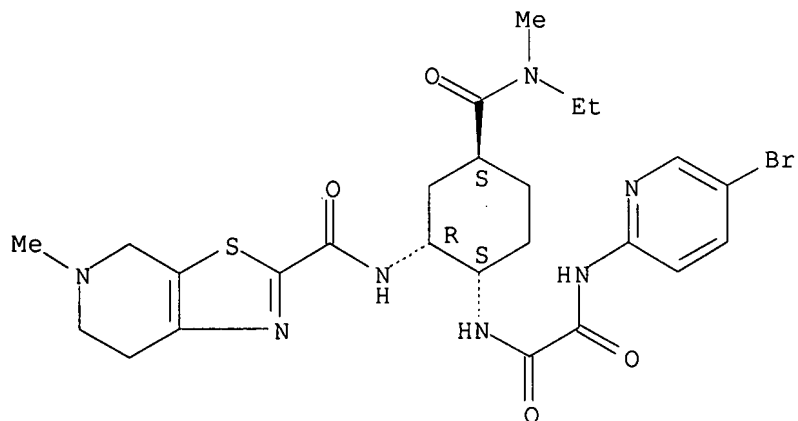
● HCl

RN 480449-24-9 HCAPLUS  
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

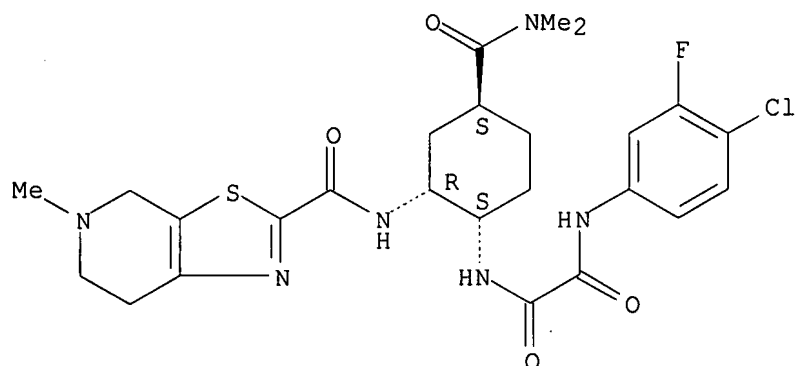
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● HCl

RN 480449-25-0 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



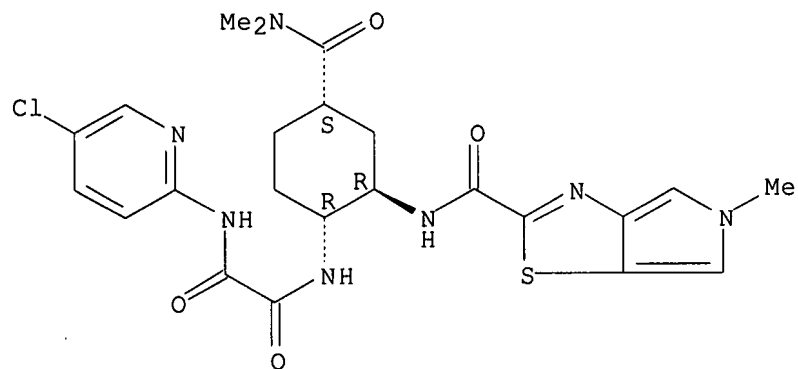
● HCl

RN 480449-27-2 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[5-methyl-5H-pyrrolo[3,4-d]thiazol-2-  
yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

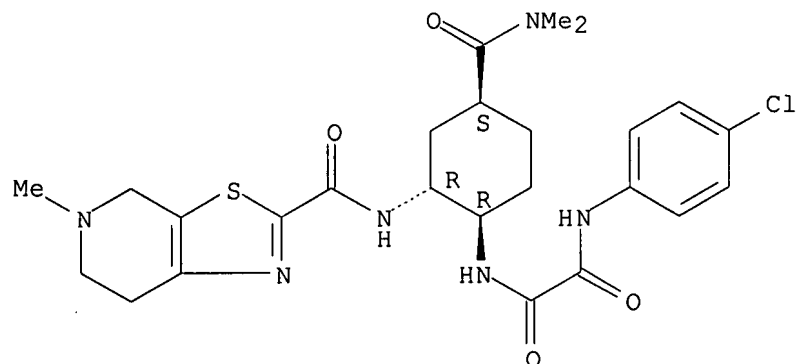
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RN 480449-29-4 HCAPLUS

CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



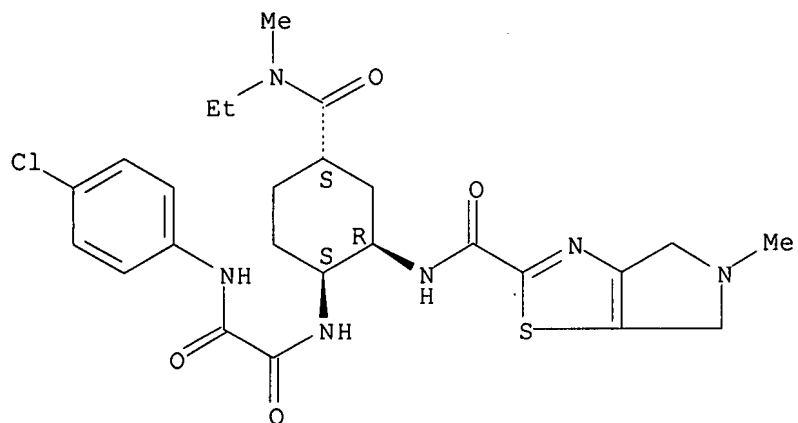
RN 480449-36-3 HCAPLUS

CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[[5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

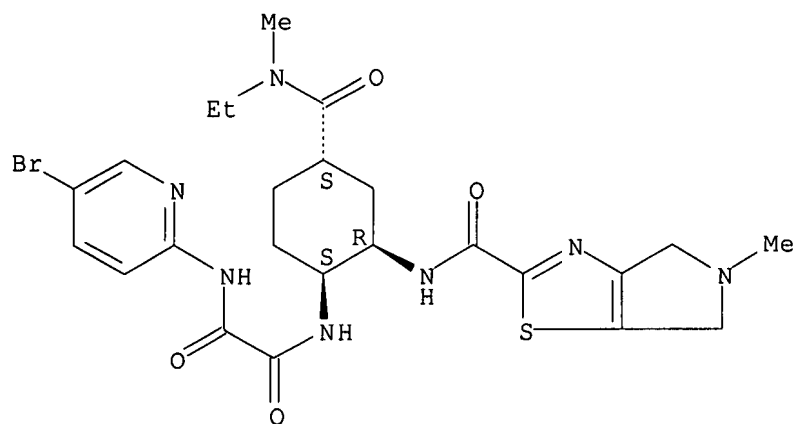
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● HCl

RN 480449-37-4 HCAPLUS  
CN Ethanediameide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl) carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



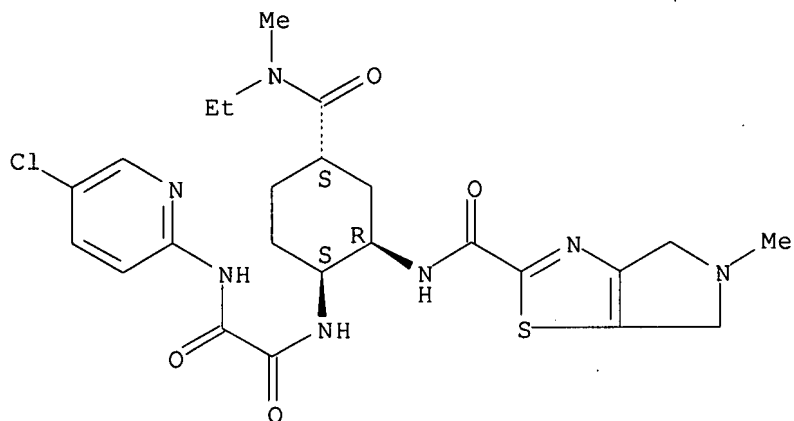
● HCl

RN 480449-38-5 HCAPLUS  
CN Ethanediameide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl) carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

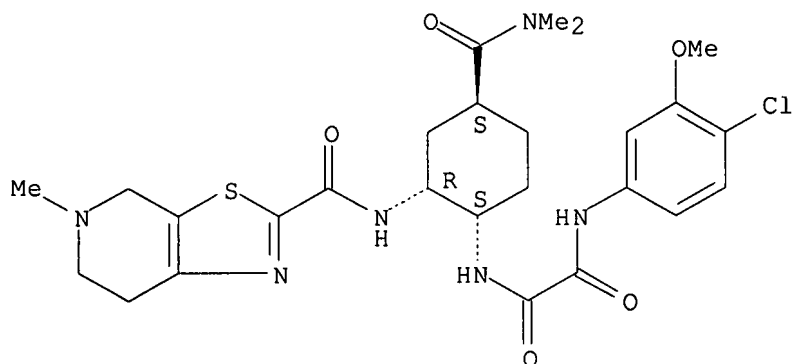


● HCl

RN 480449-39-6 HCAPLUS

CN Ethanediame, N-(4-chloro-3-methoxyphenyl)-N'-[(1S,2R,4S)-4-  
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c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

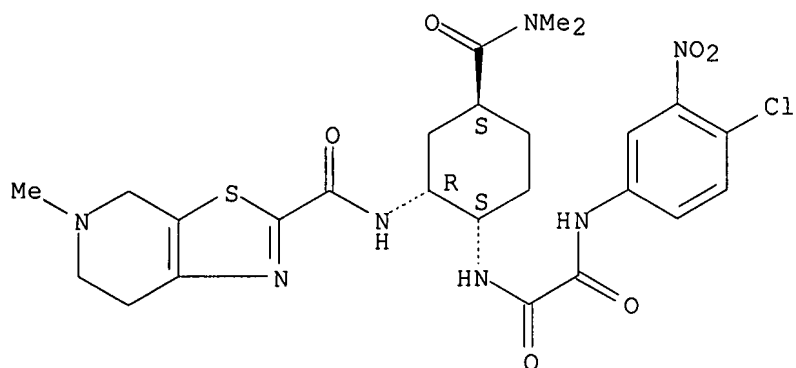
RN 480449-44-3 HCAPLUS

CN Ethanediame, N-(4-chloro-3-nitrophenyl)-N'-[(1S,2R,4S)-4-  
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c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

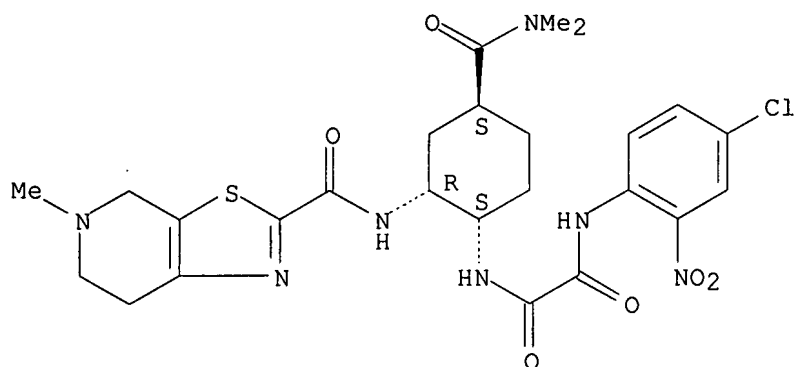
10773344



● HCl

RN 480449-45-4 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-nitrophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



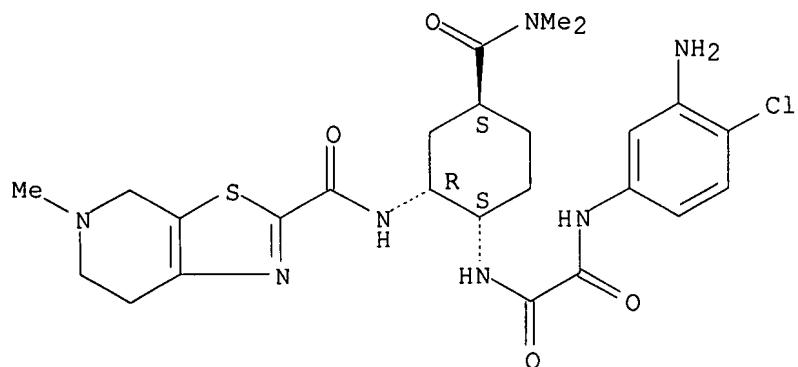
● HCl

RN 480449-46-5 HCAPLUS  
CN Ethanediame, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

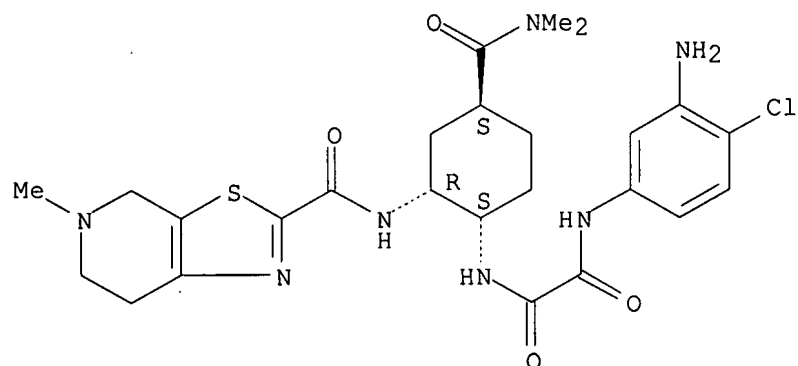
Updated Search

10773344



RN 480449-47-6 HCAPLUS  
CN Ethanediame, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



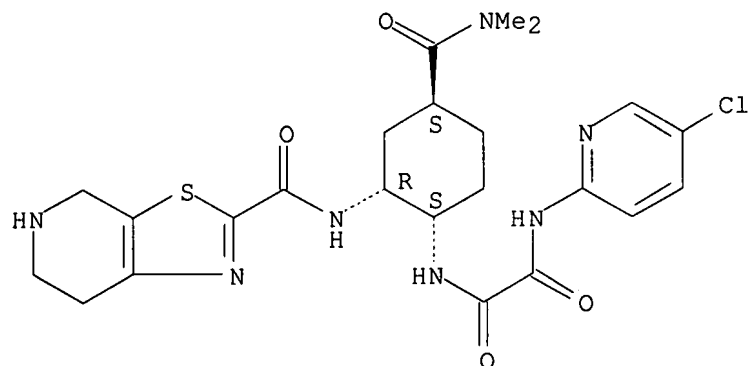
● HCl

RN 480449-52-3 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-  
yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

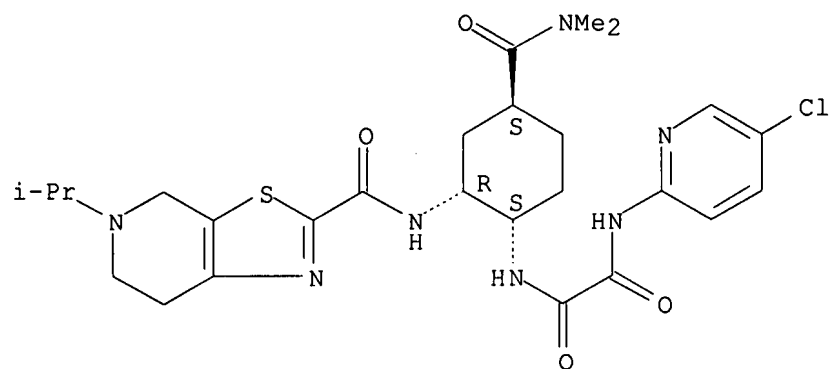
10773344



● HCl

RN 480449-63-6 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-  
methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

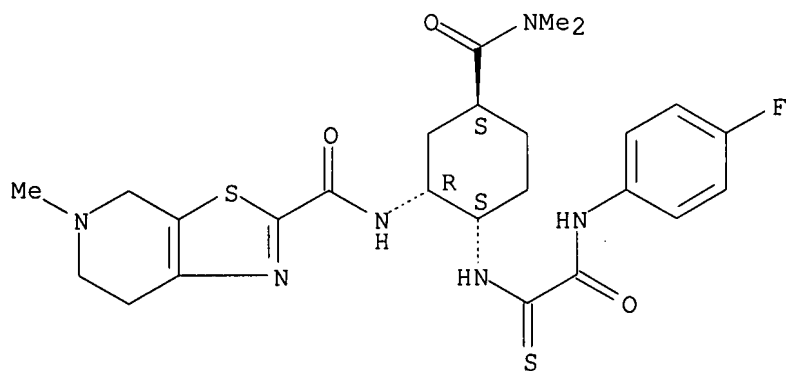
RN 480449-64-7 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-  
[(dimethylamino)carbonyl]-2-[[2-[(4-fluorophenyl)amino]-2-oxo-1-  
thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



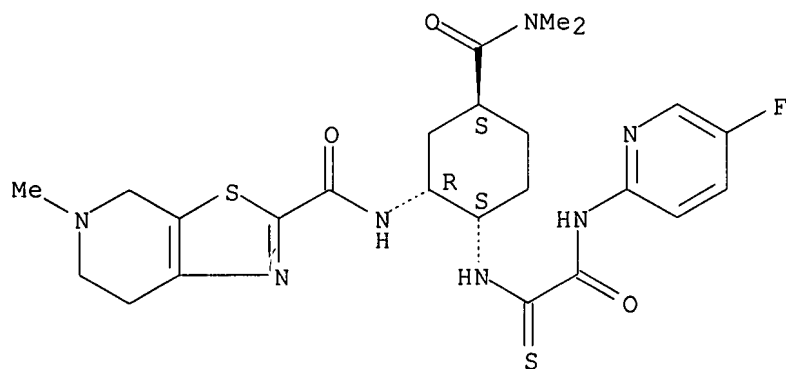
10773344



● HCl

RN 480449-65-8 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-  
[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-  
thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



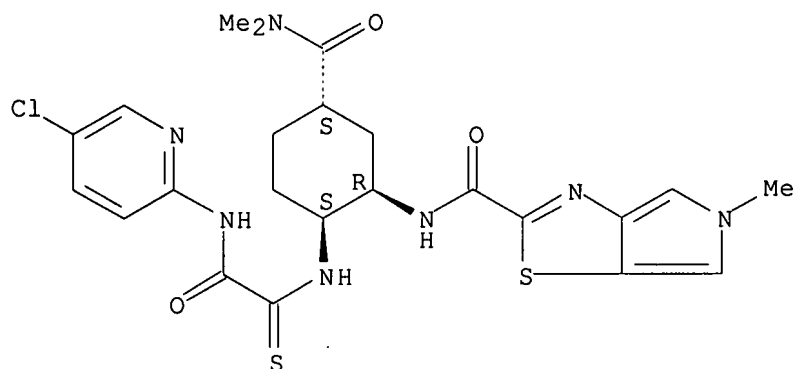
● HCl

RN 480449-66-9 HCAPLUS  
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-  
pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-  
[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

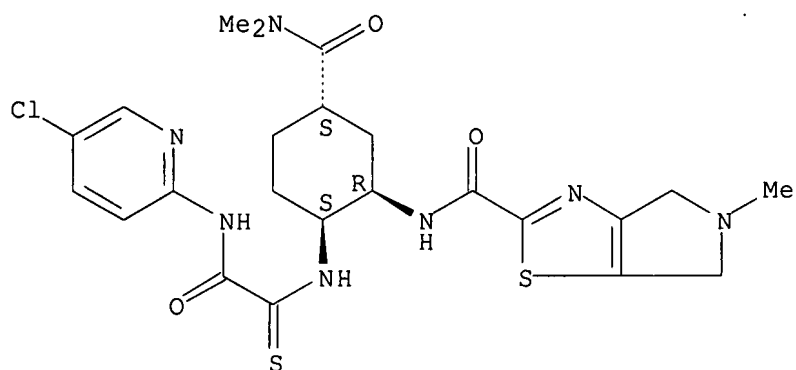
10773344



RN 480449-67-0 HCAPLUS

CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

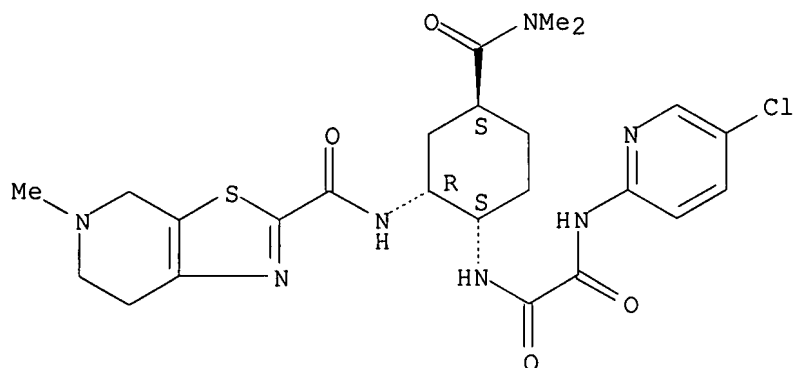
RN 480449-70-5 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (CA INDEX NAME)

Absolute stereochemistry.

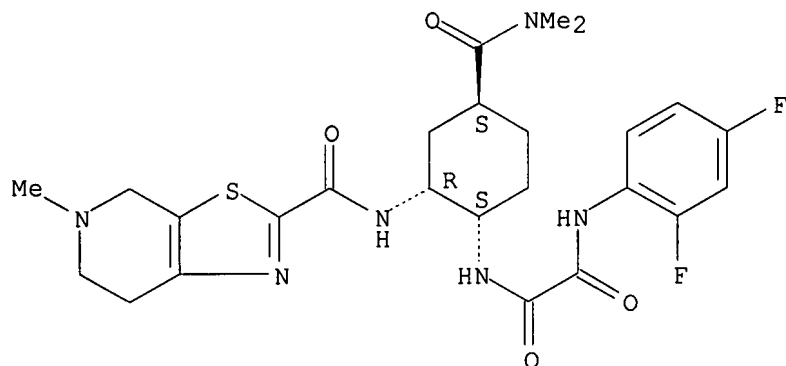
Updated Search

10773344



RN 482376-46-5 HCAPLUS  
CN Ethanediamide, N-(2,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

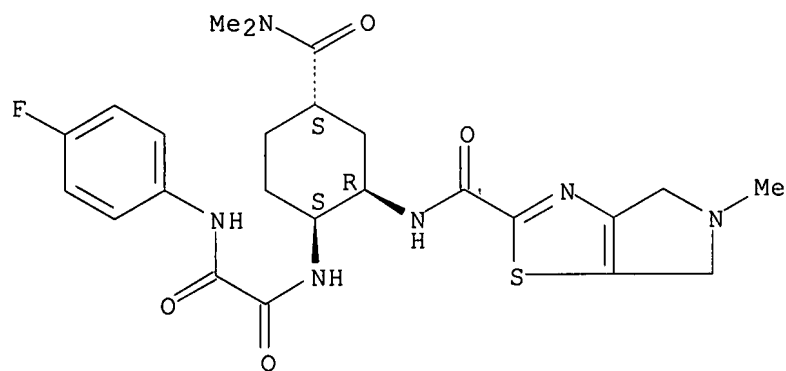


RN 500572-03-2 HCAPLUS  
CN Ethanediamide, N-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-  
d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-  
(4-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

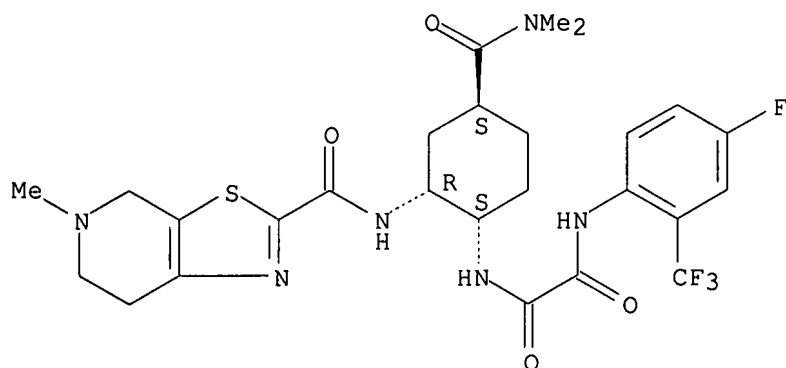


● HCl

RN 500572-04-3 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[4-fluoro-2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



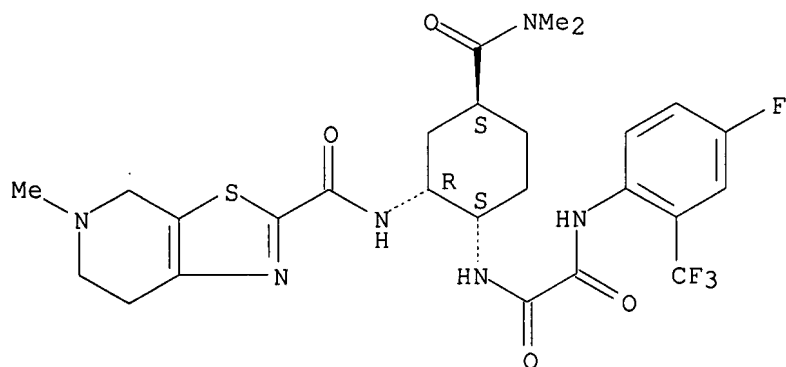
RN 500572-05-4 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[4-fluoro-2-(trifluoromethyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

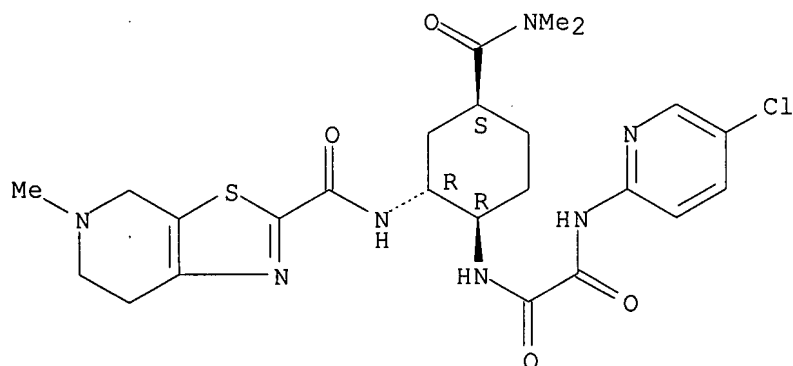


● HCl

RN 500572-10-1 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



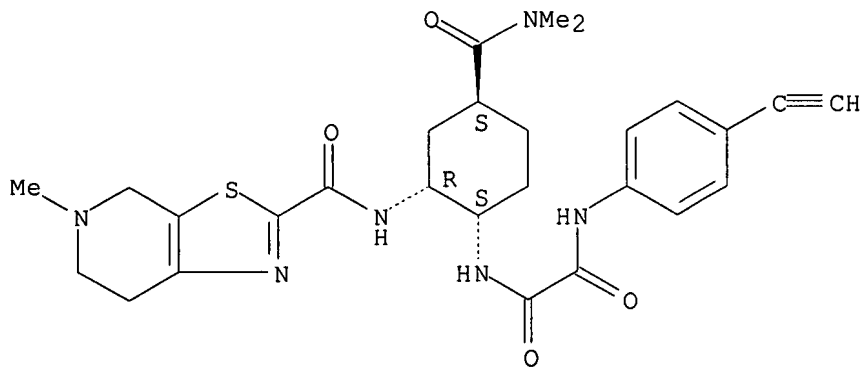
RN 500572-13-4 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(4-ethynylphenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

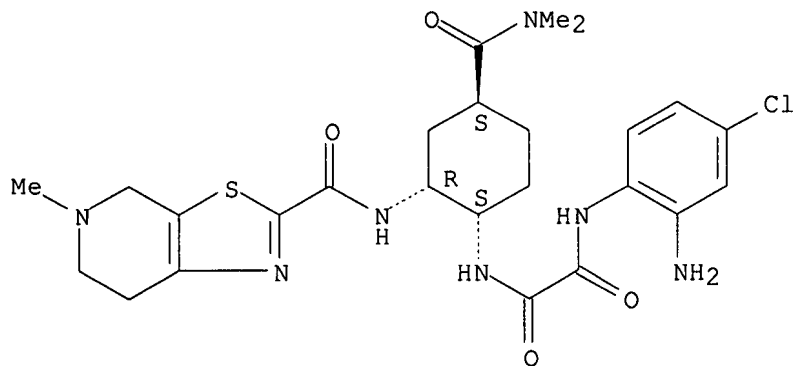


● HCl

RN 500572-14-5 HCAPLUS

CN    Ethanediarnide, N-(2-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino)cyclohexyl]- (9CI)    (CA INDEX NAME)

Absolute stereochemistry.



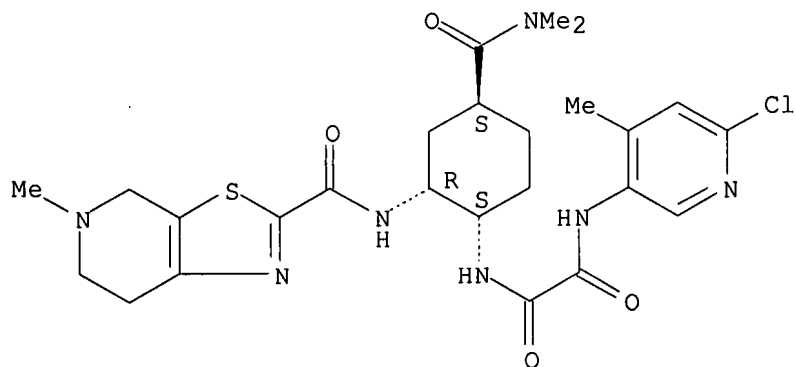
RN 500572-15-6 HCAPLUS

CN    Ethanediarnide, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl)- (9CI)    (CA INDEX NAME)

Absolute stereochemistry.

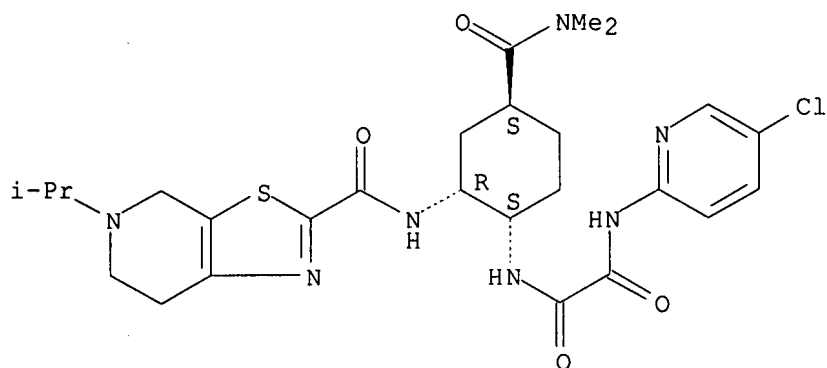
Updated Search

10773344



RN 500572-20-3 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-  
methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

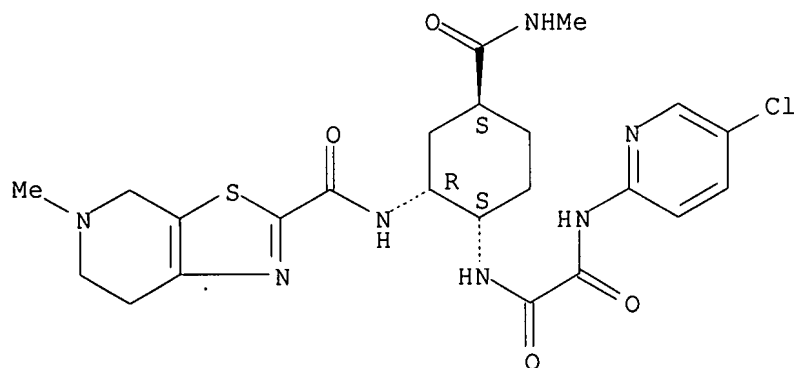


RN 500572-21-4 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(methylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

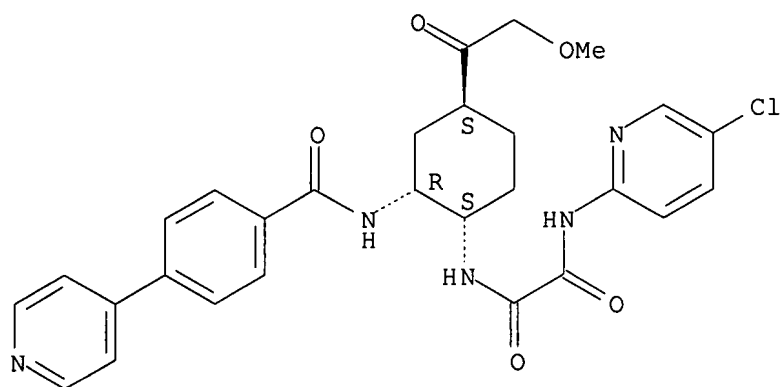
10773344



● HCl

RN 500572-22-5 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(methoxyacetyl)-2-[[4-(4-pyridinyl)benzoyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

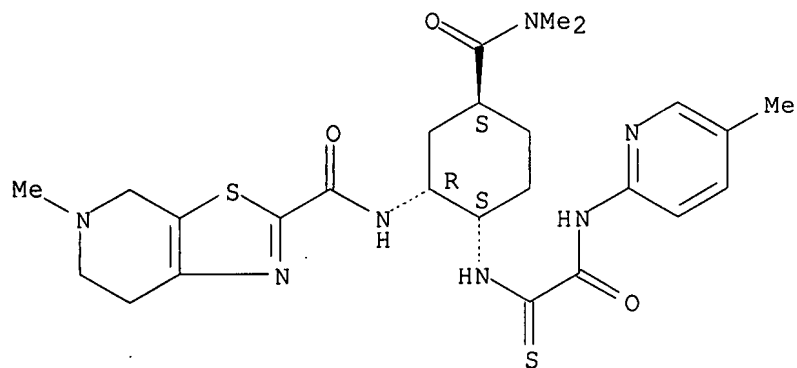
RN 500572-23-6 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



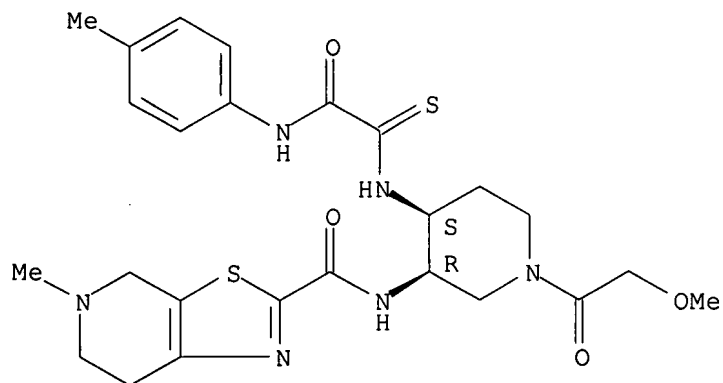
10773344



● HCl

RN 500572-24-7 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, 4,5,6,7-tetrahydro-N-[(3R,4S)-1-(methoxyacetyl)-4-[[2-[(4-methylphenyl)amino]-2-oxo-1-thioxoethyl]amino]-3-piperidinyl]-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



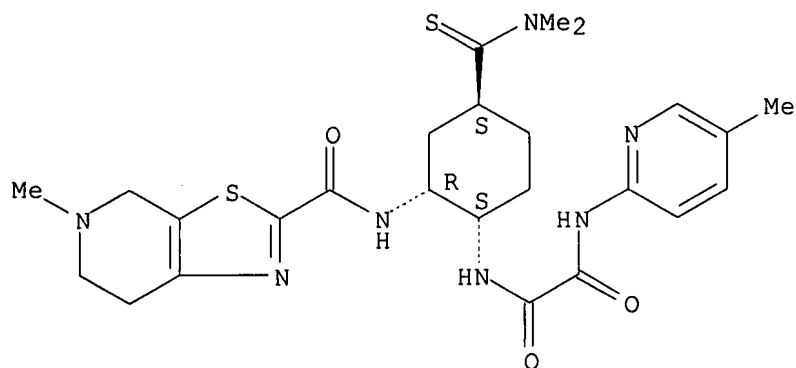
● HCl

RN 500572-25-8 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)thioxomethyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

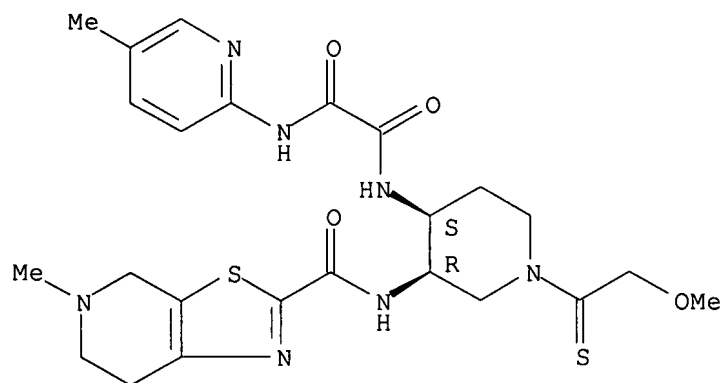
10773344



● HCl

RN 500572-26-9 HCAPLUS  
CN Ethanediame, N-[(3R,4S)-1-(2-methoxy-1-thioxoethyl)-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



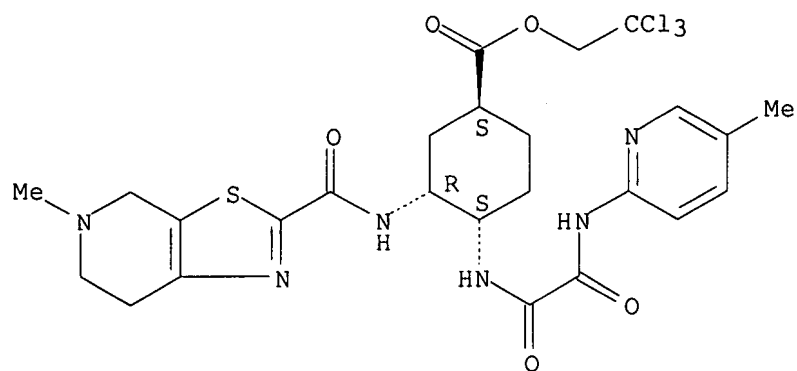
● HCl

RN 500572-27-0 HCAPLUS  
CN Cyclohexanecarboxylic acid, 4-[[[(5-methyl-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

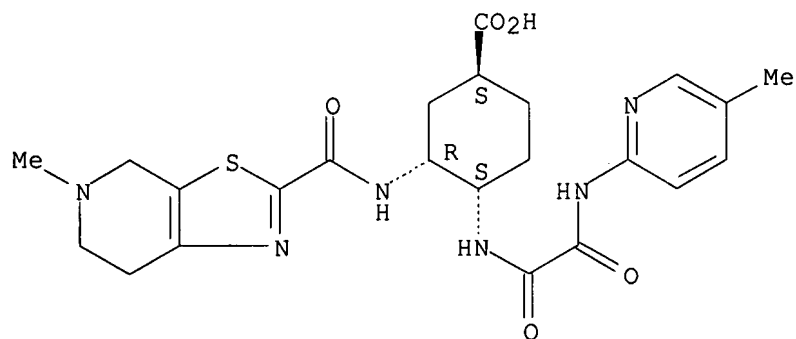
10773344



RN 500572-28-1 HCAPLUS

CN Cyclohexanecarboxylic acid, 4-[[[(5-methyl-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



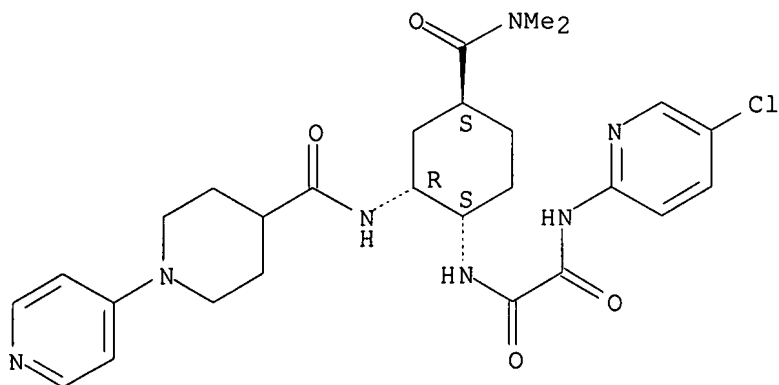
RN 500572-30-5 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[1-(4-pyridinyl)-4-piperidinyl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

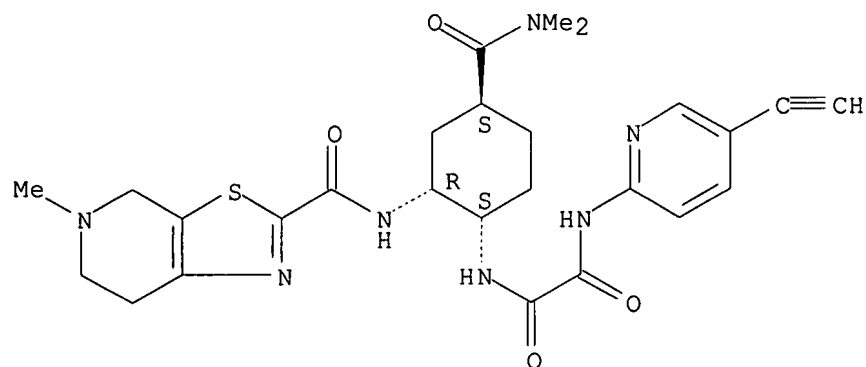
10773344



● HCl

RN 500572-31-6 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-ethynyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

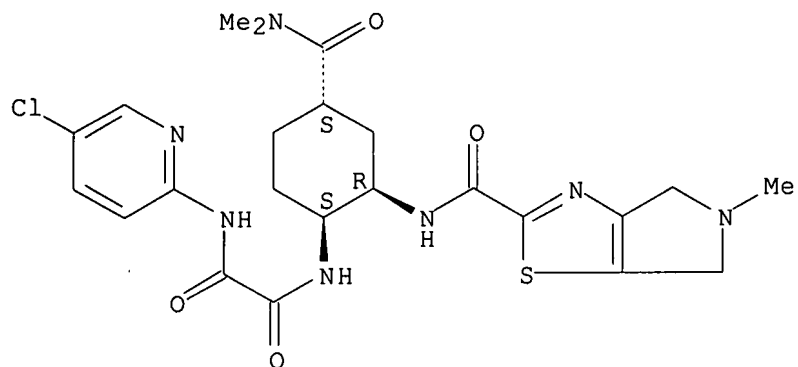


RN 500572-32-7 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

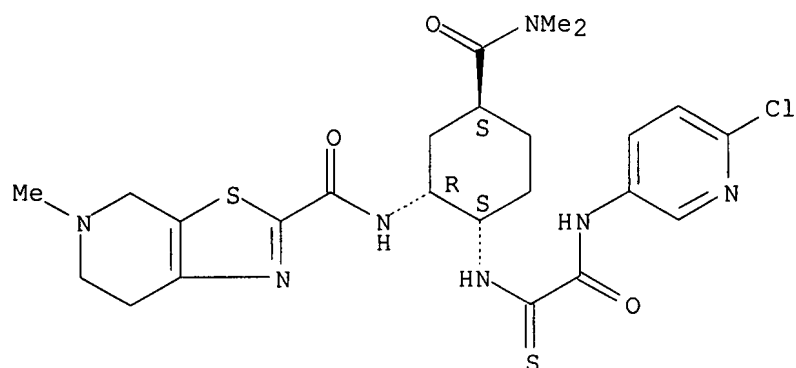
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RN 500572-34-9 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

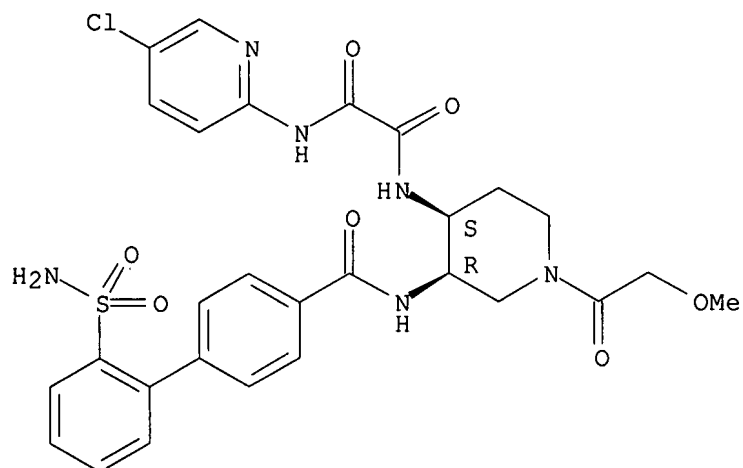
RN 500572-35-0 HCAPLUS

CN Ethanediameide, N-[(3R,4S)-3-[[[2'-(aminosulfonyl)[1,1'-biphenyl]-4-yl]carbonyl]amino]-1-(methoxyacetyl)-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

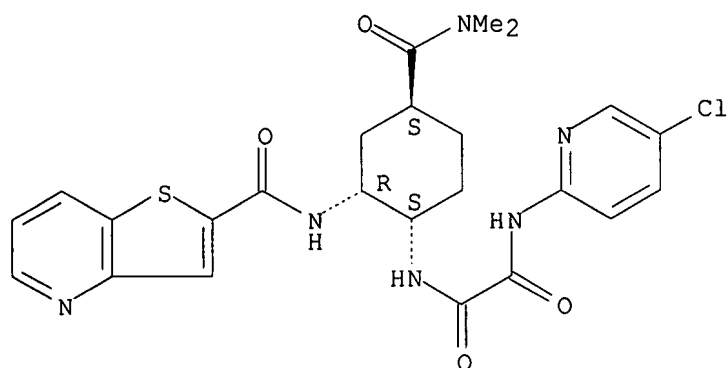
Updated Search

10773344



RN 500572-36-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[(thieno[3,2-b]pyridin-2-  
ylcarbonyl)amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



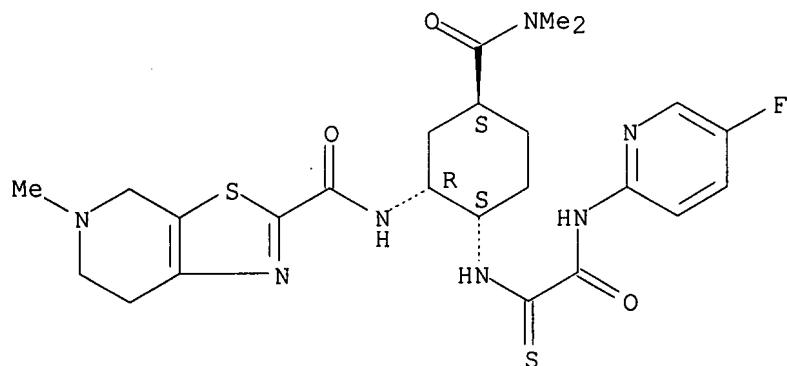
● HCl

RN 687634-02-2 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-  
[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-  
thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

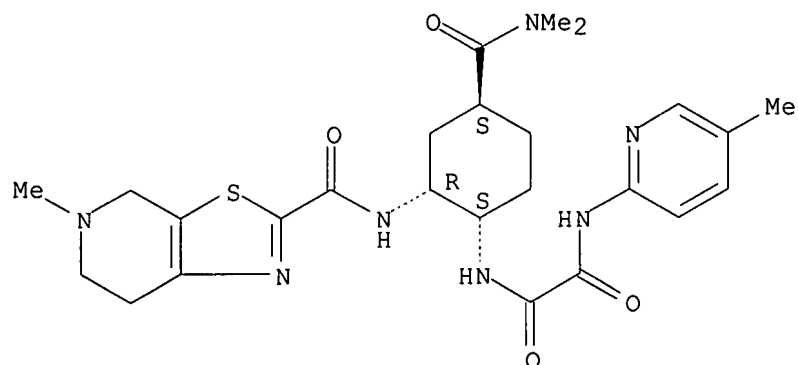
10773344



RN 720721-37-9 HCAPLUS

CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

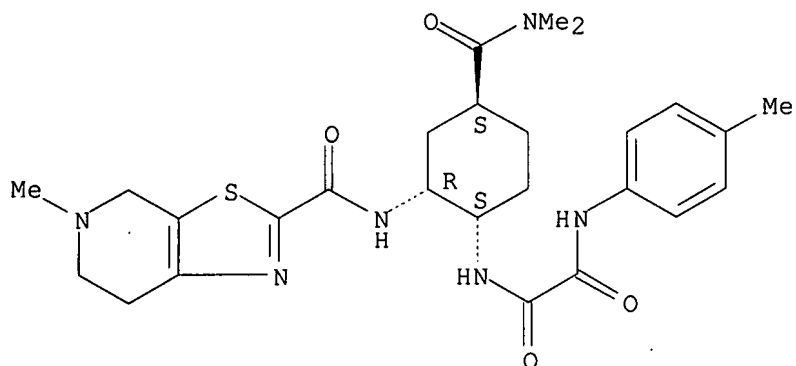
RN 720721-38-0 HCAPLUS

CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-N'-(4-methylphenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

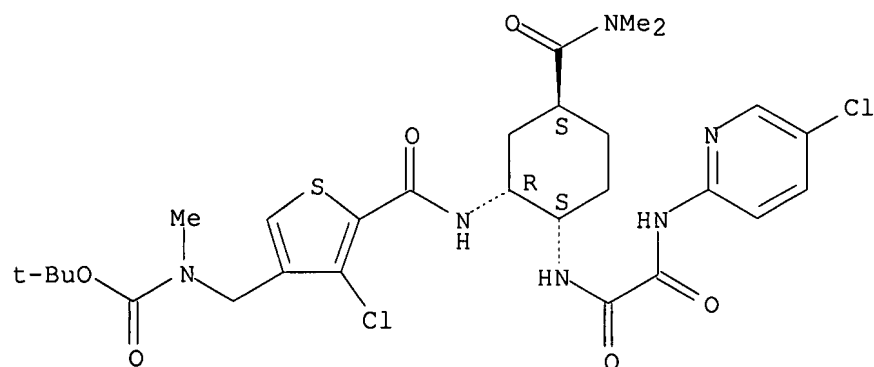
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● HCl

RN 720721-39-1 HCAPLUS  
CN Carbamic acid, [[4-chloro-5-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-3-thienyl]methyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



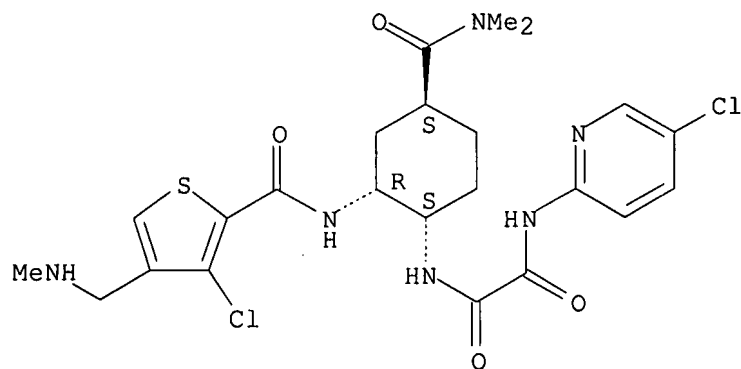
RN 720721-40-4 HCAPLUS  
CN Ethanediarnide, N-[(1S,2R,4S)-2-[[[3-chloro-4-[(methylanino)methyl]-2-thienyl]carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



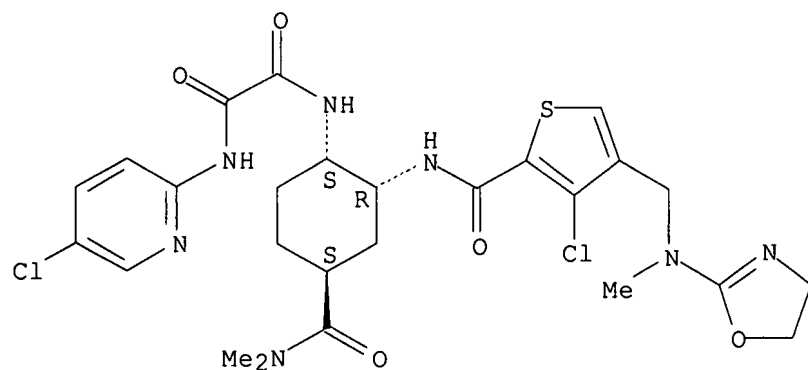
10773344



RN 720721-41-5 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-2-[[[3-chloro-4-[(4,5-dihydro-2-oxazolyl)methylamino]methyl]-2-thienyl]carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl)-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

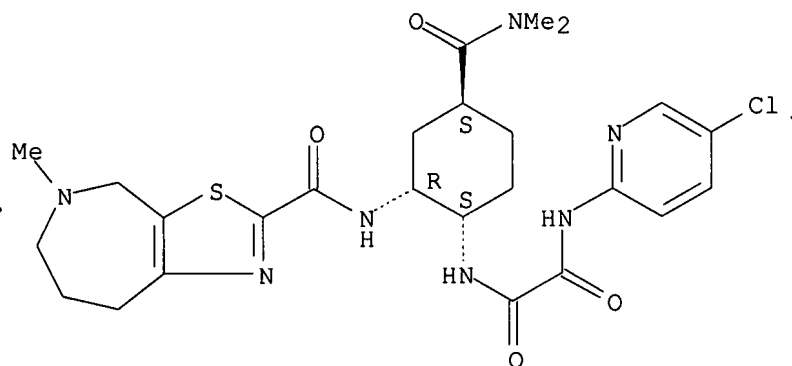
RN 720721-45-9 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[5,6,7,8-tetrahydro-5-methyl-4H-thiazolo[5,4-c]azepin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

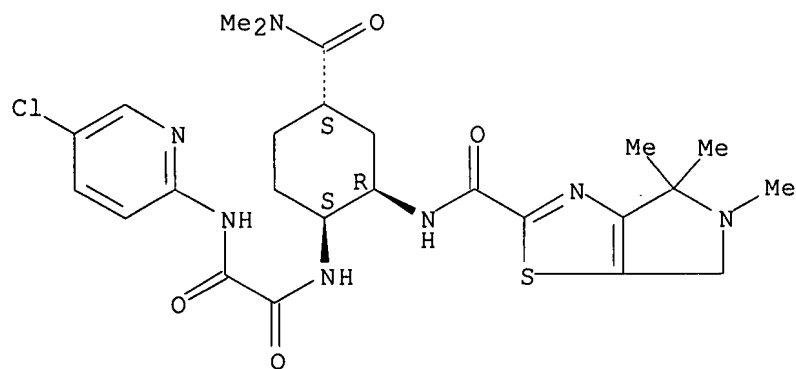
10773344



● HCl

RN 720721-46-0 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-4,4,5-trimethyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

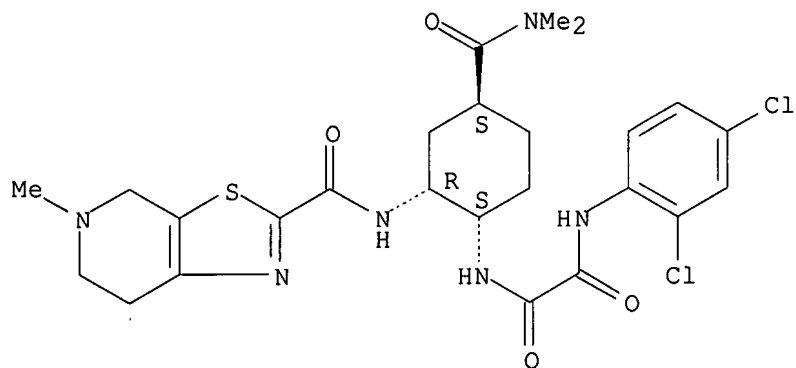
RN 720721-47-1 HCAPLUS  
CN 2H-Pyrrolo[3,4-c]pyridine-2-carboxylic acid, 6-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-1,3-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

3

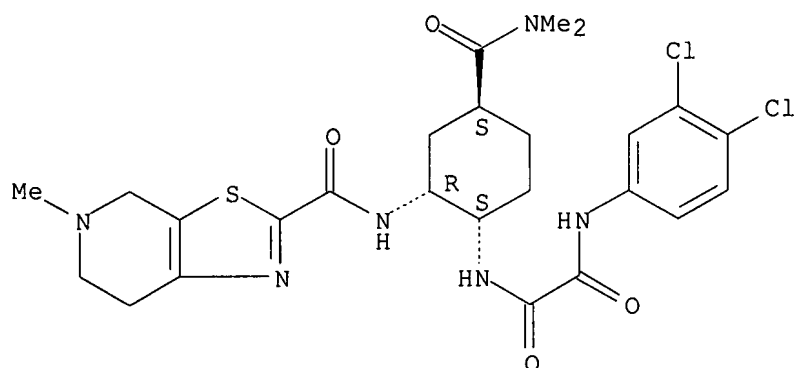


● HCl

RN 480448-37-1 HCAPLUS

CN Ethanediame, N-(3,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



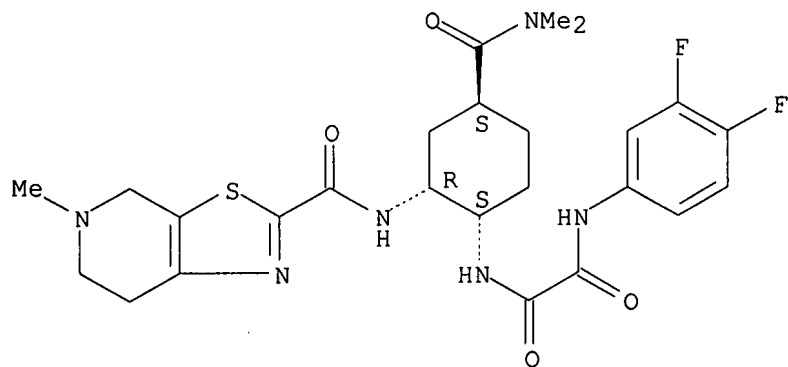
RN 480448-39-3 HCAPLUS

CN Ethanediame, N-(3,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

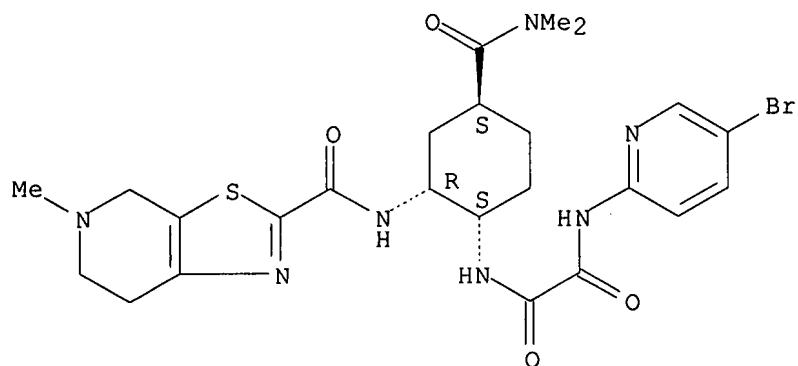
10773344



RN 480448-41-7 HCAPLUS

CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

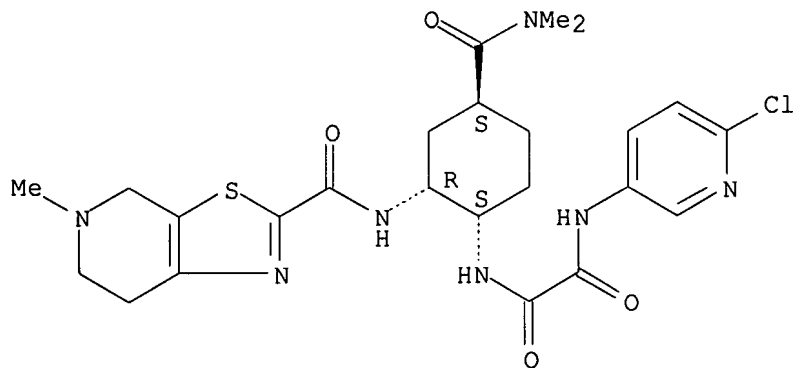
RN 480448-42-8 HCAPLUS

CN Ethanediame, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

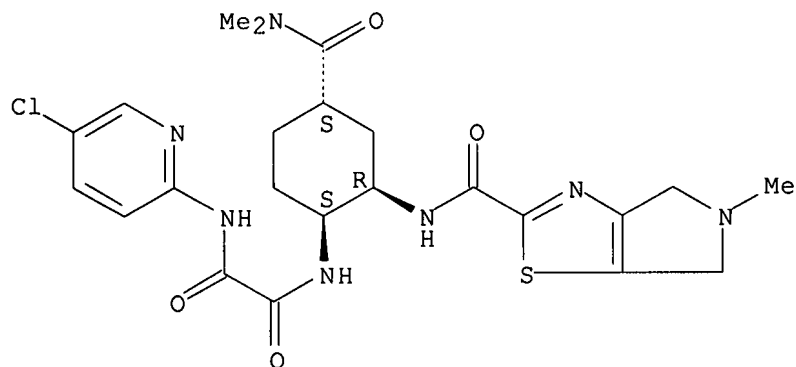
10773344



● HCl

RN 480448-45-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



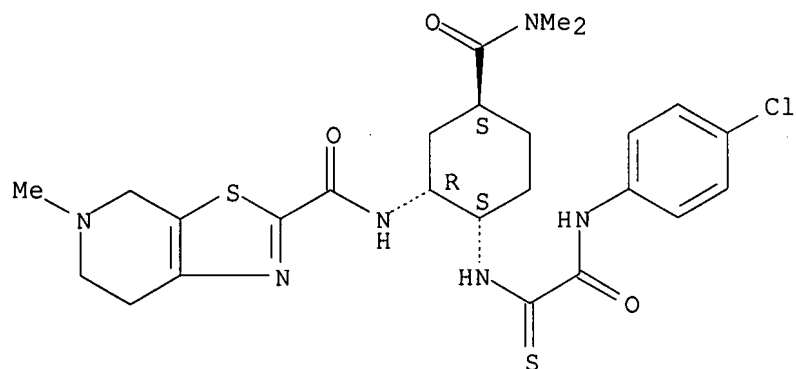
● HCl

RN 480449-02-3 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(4-chlorophenyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

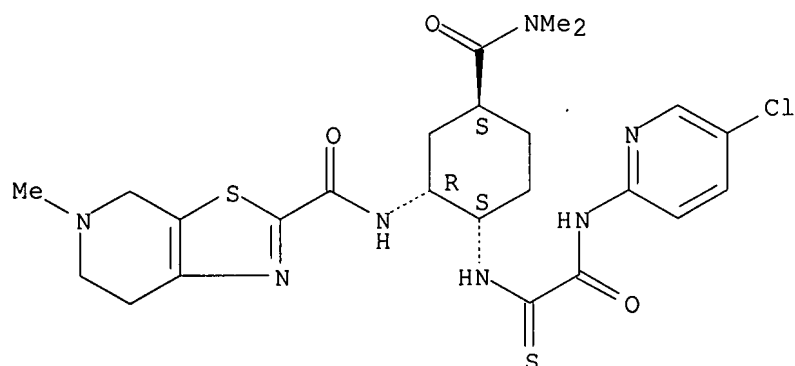
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RN 480449-04-5 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



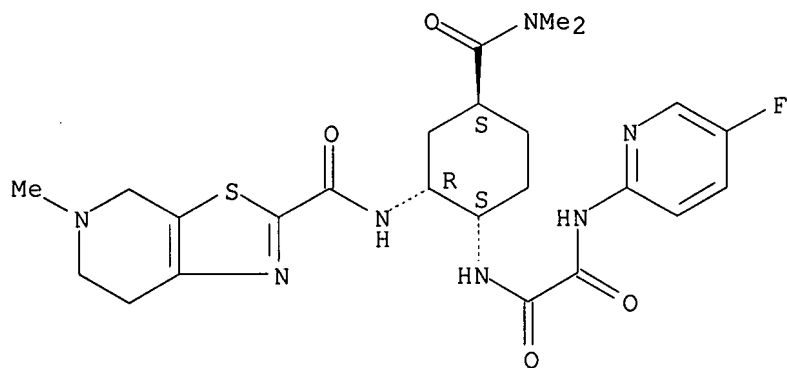
RN 480449-09-0 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

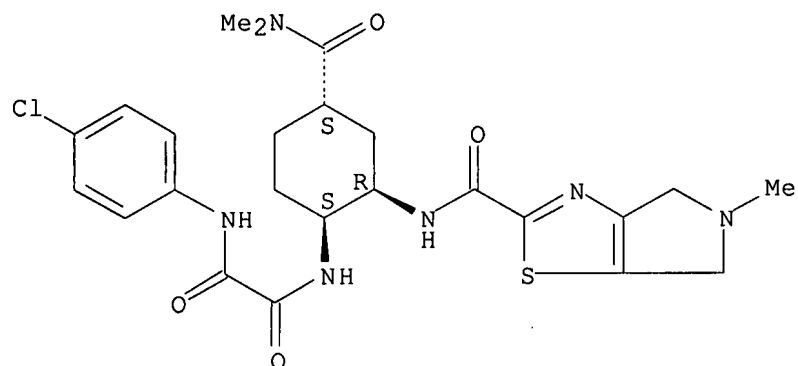
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● HCl

RN 480449-10-3 HCAPLUS  
CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



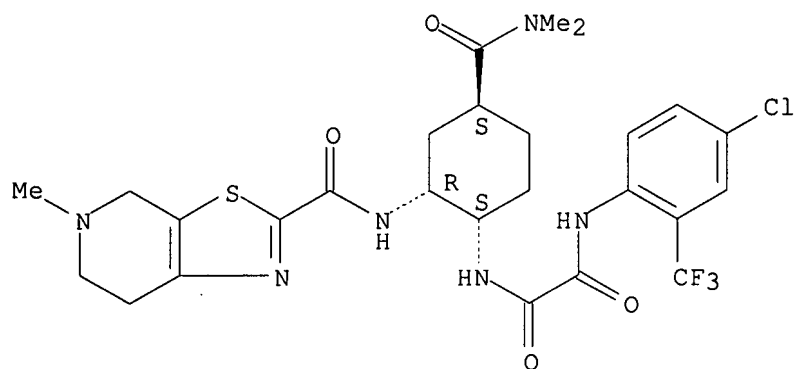
● HCl

RN 480449-11-4 HCAPLUS  
CN Ethanediamide, N-[4-chloro-2-(trifluoromethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

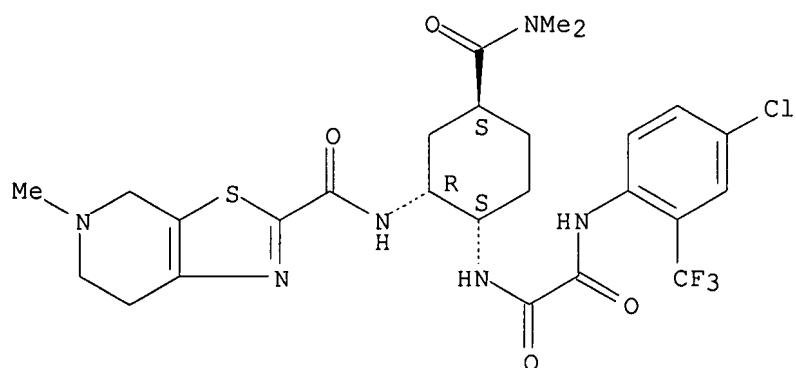
10773344



RN 480449-12-5 HCAPLUS

CN Ethanediame, N-[4-chloro-2-(trifluoromethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480449-13-6 HCAPLUS

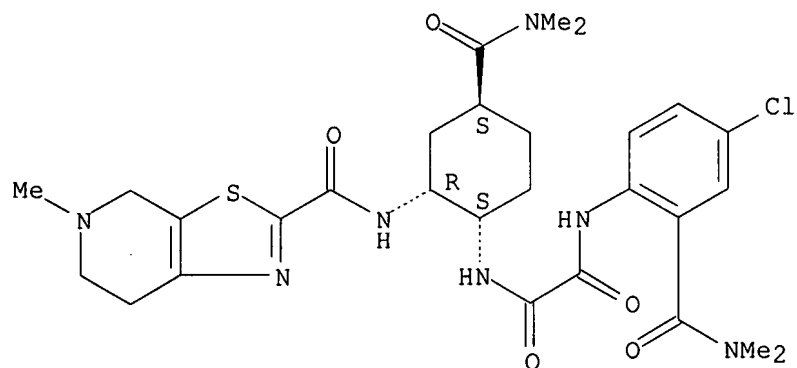
CN Ethanediame, N-[4-chloro-2-[(dimethylamino)carbonyl]phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



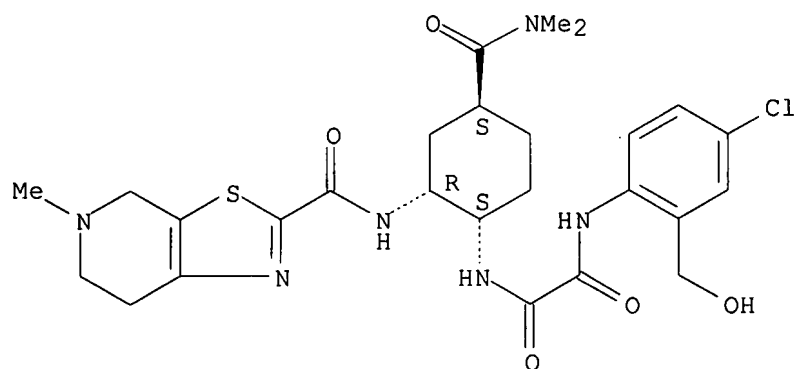
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● HCl

RN 480449-14-7 HCAPLUS  
CN Ethanediamic acid, N-[4-chloro-2-(hydroxymethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



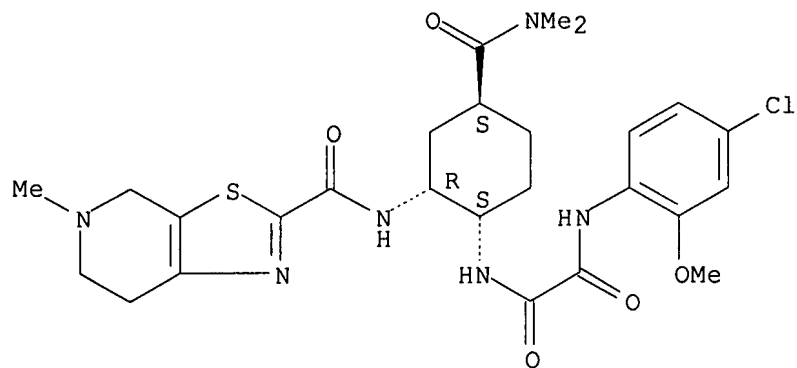
● HCl

RN 480449-15-8 HCAPLUS  
CN Ethanediamic acid, N-(4-chloro-2-methoxyphenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

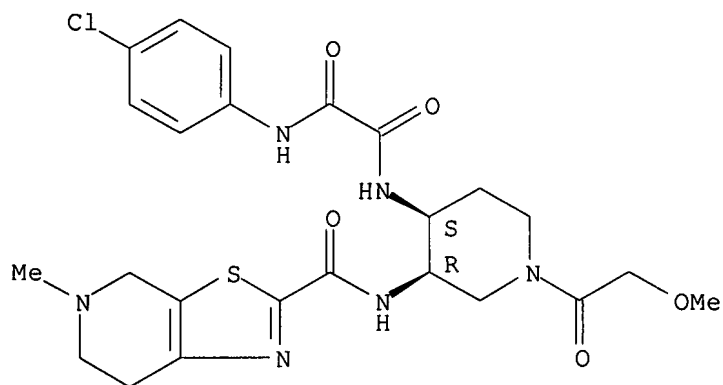
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● HCl

RN 480449-17-0 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-  
4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



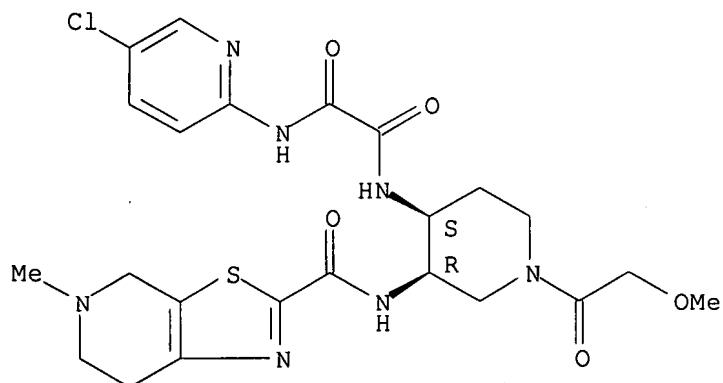
● HCl

RN 480449-18-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-  
4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

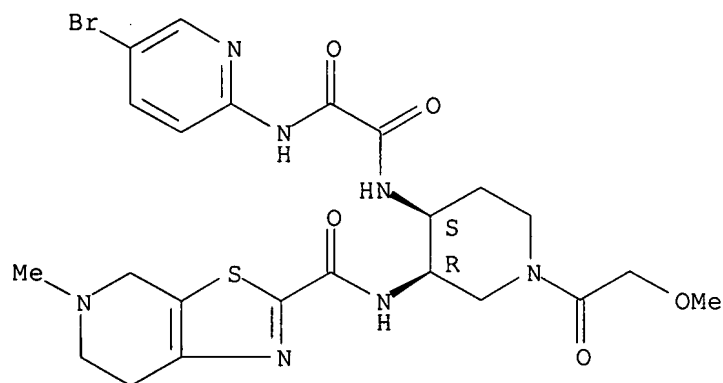


● HCl

RN 480449-19-2 HCAPLUS

CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

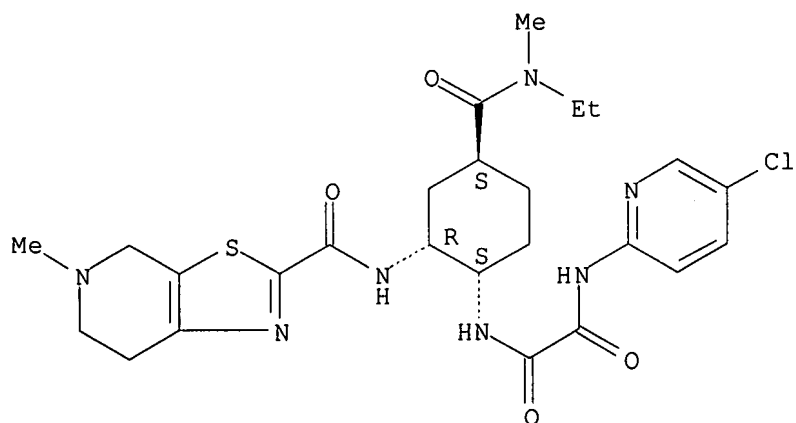
RN 480449-22-7 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

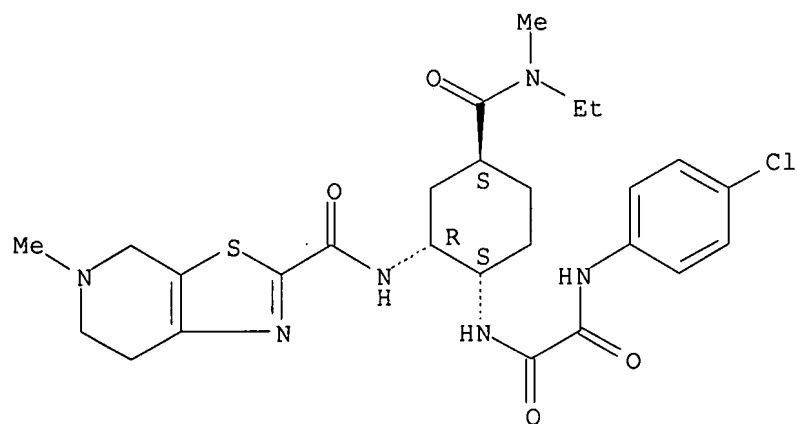
10773344



● HCl

RN 480449-23-8 HCAPLUS  
CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



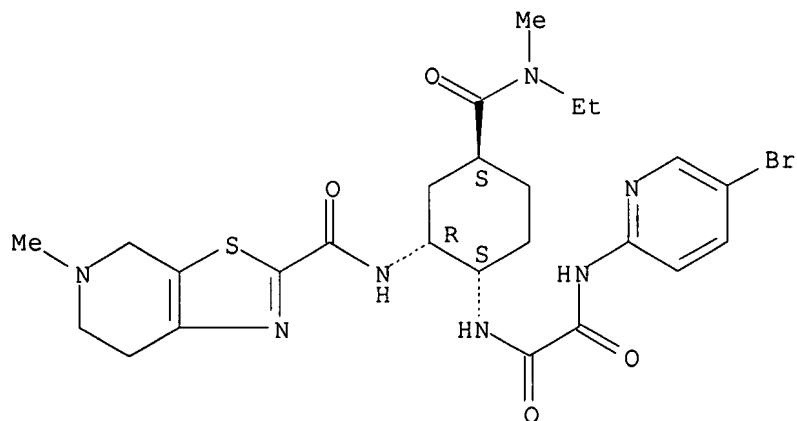
● HCl

RN 480449-24-9 HCAPLUS  
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

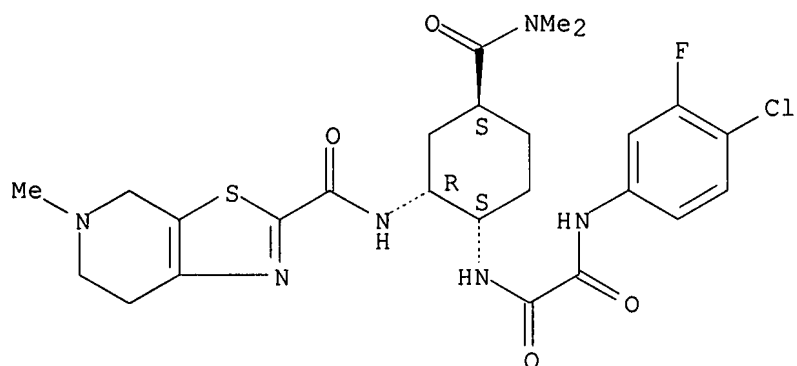
10773344



● HCl

RN 480449-25-0 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



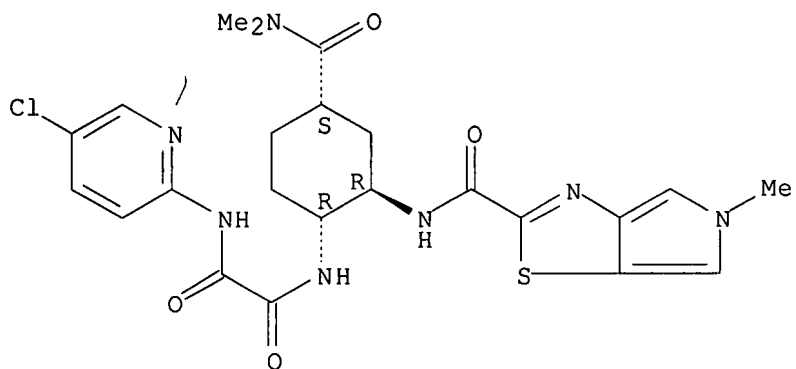
● HCl

RN 480449-27-2 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[5-methyl-5H-pyrrolo[3,4-d]thiazol-2-  
yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

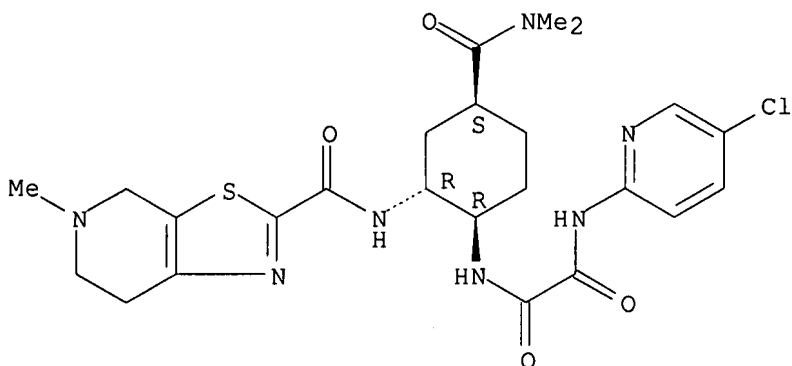
10773344



RN 480449-28-3 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

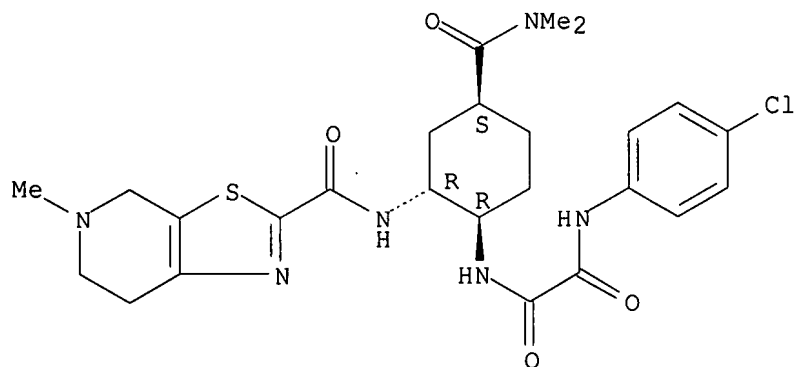
RN 480449-29-4 HCAPLUS

CN Ethanediame, N-(4-chlorophenyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

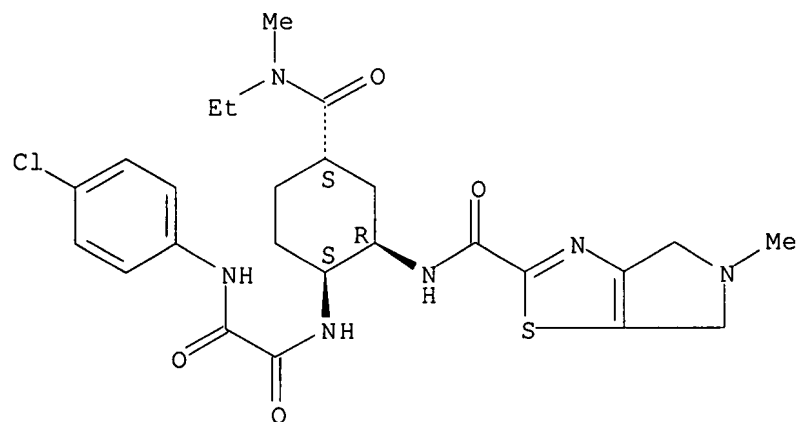
Updated Search

10773344



RN 480449-36-3 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethanamine)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



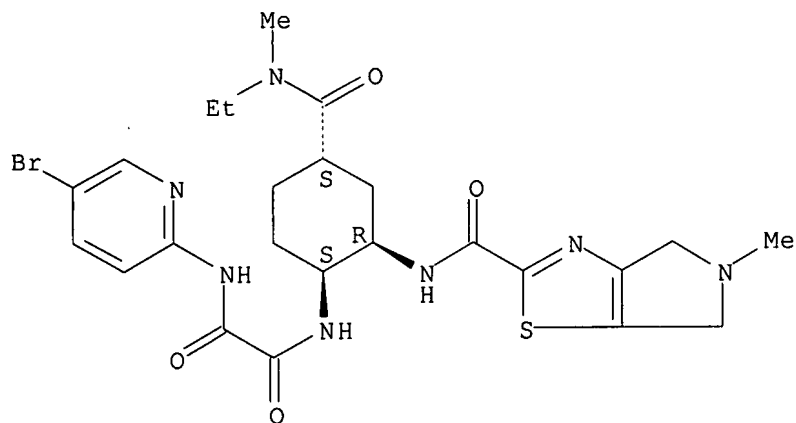
● HCl

RN 480449-37-4 HCAPLUS  
CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethanamine)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

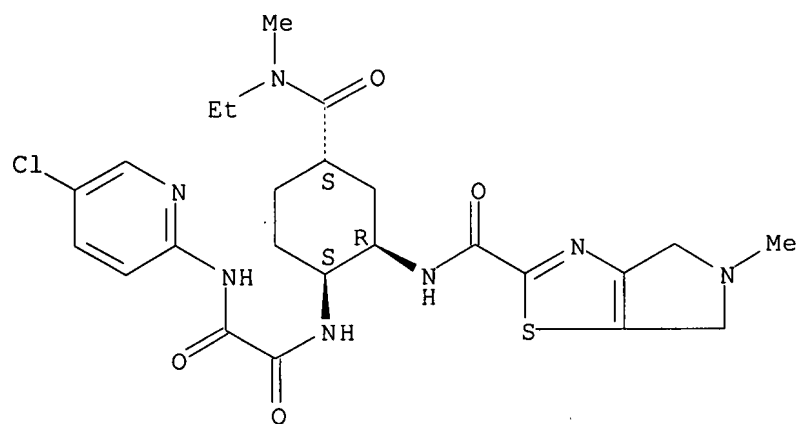
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● HCl

RN 480449-38-5 HCAPLUS  
CN Ethanediameide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

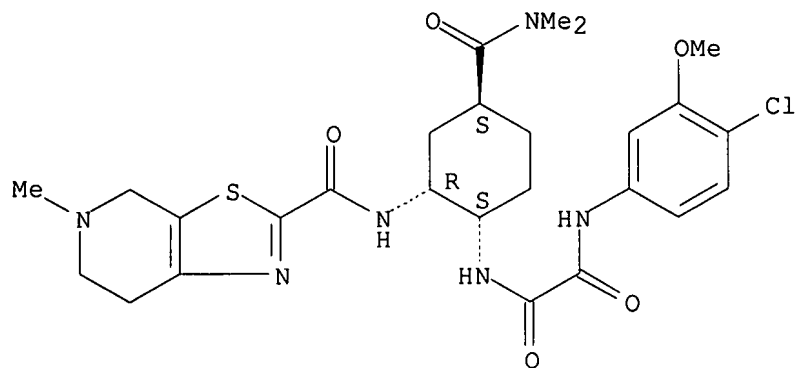
RN 480449-39-6 HCAPLUS  
CN Ethanediameide, N-(4-chloro-3-methoxyphenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344

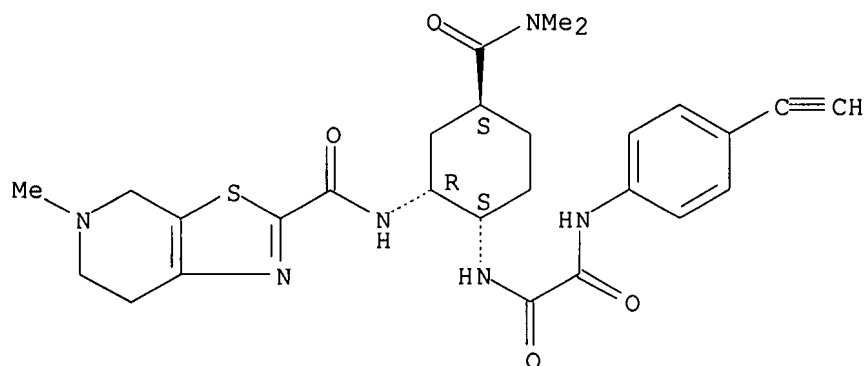


● HCl

RN 480449-42-1 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(4-ethynylphenyl)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



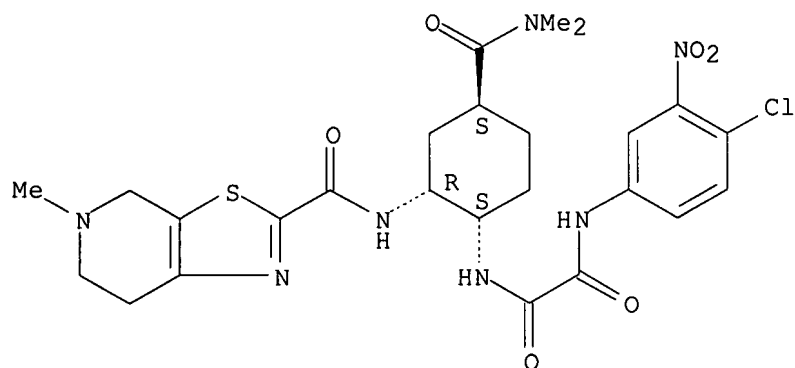
RN 480449-44-3 HCAPLUS

CN Ethanediame, N-(4-chloro-3-nitrophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

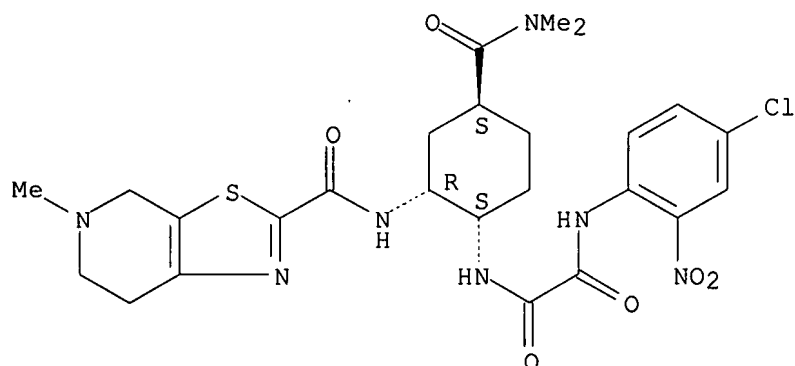
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● HCl

RN 480449-45-4 HCAPLUS  
CN Ethanediamide, N-(4-chloro-2-nitrophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



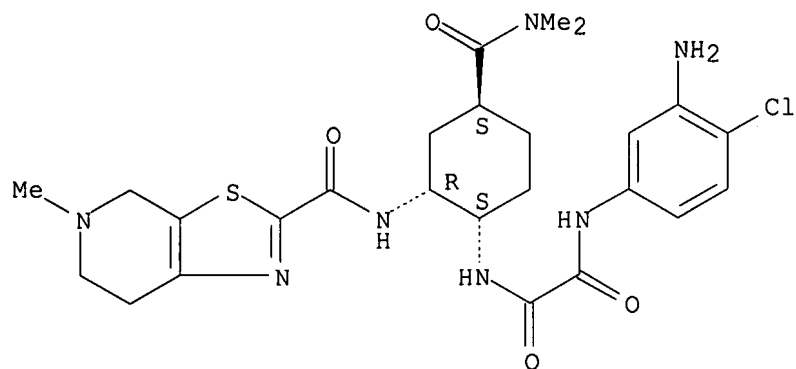
● HCl

RN 480449-46-5 HCAPLUS  
CN Ethanediamide, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

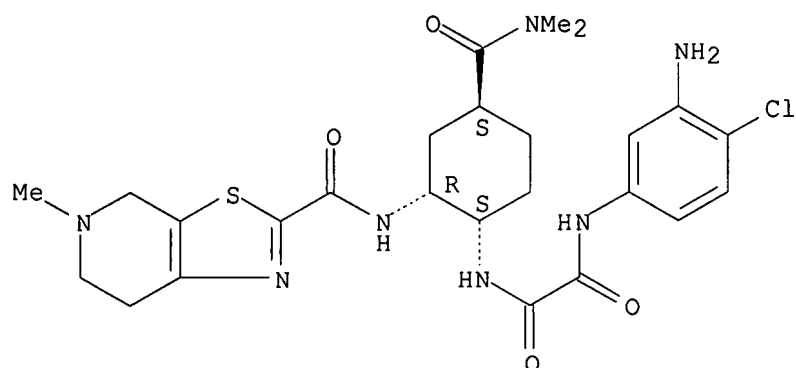
Updated Search

10773344



RN 480449-47-6 HCAPLUS  
CN Ethanediame, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



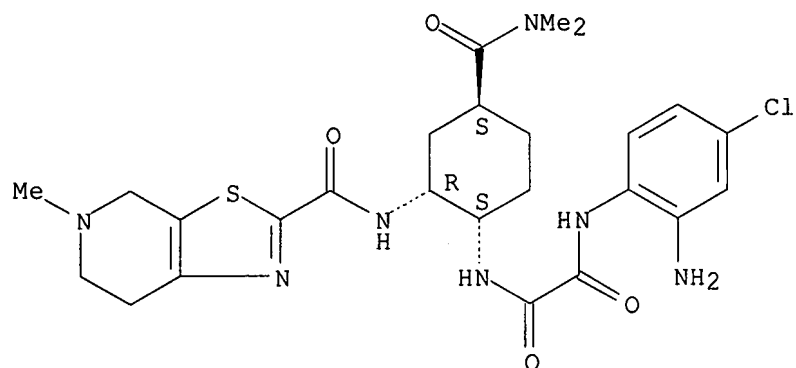
● HCl

RN 480449-48-7 HCAPLUS  
CN Ethanediame, N-(2-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

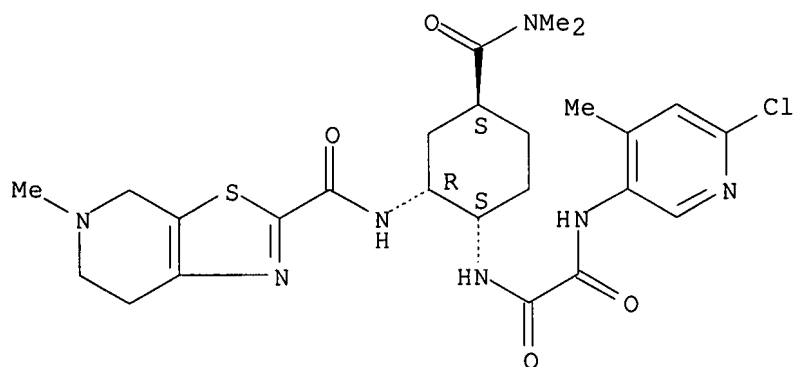
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● HCl

RN 480449-49-8 HCAPLUS  
CN Ethanediame, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



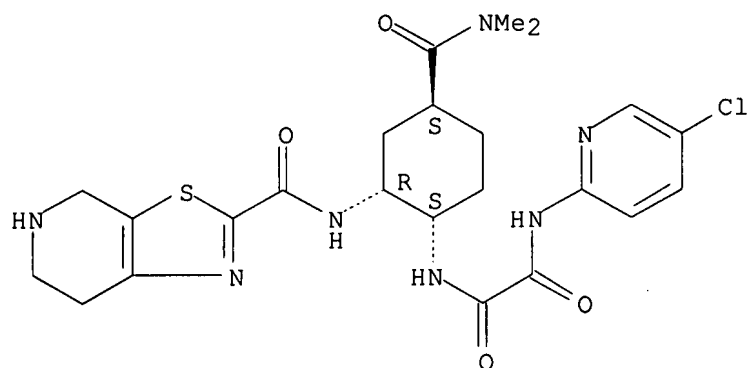
● HCl

RN 480449-52-3 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-  
yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

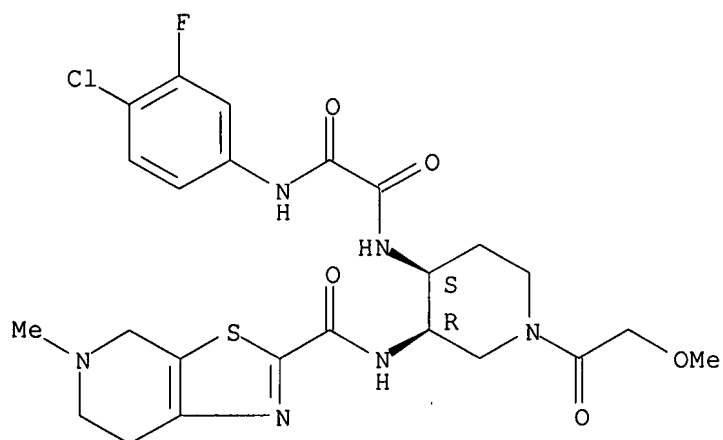
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● HCl

RN 480449-56-7 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-fluorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidiny]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



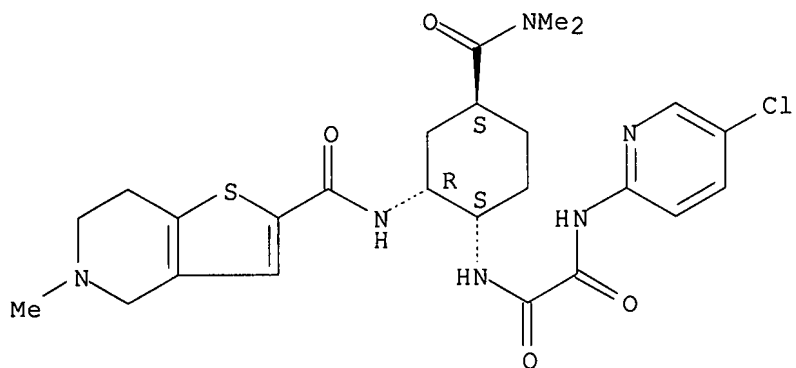
● HCl

RN 480449-62-5 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthieno[3,2-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

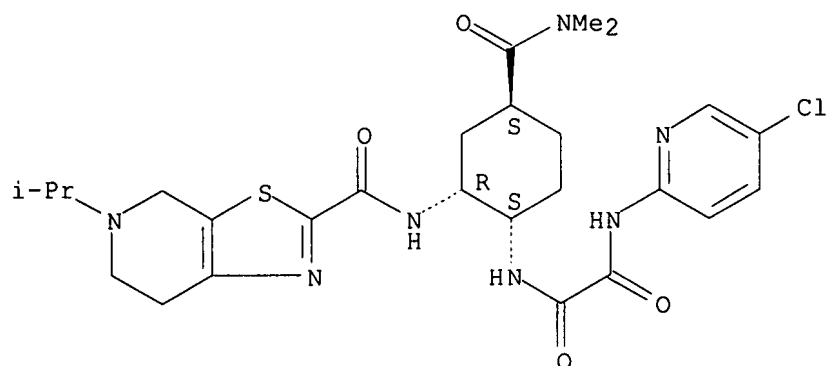
10773344



● HCl

RN 480449-63-6 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-  
methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



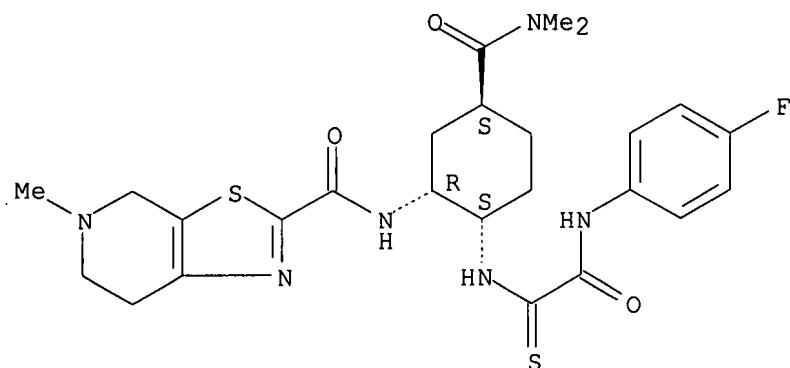
● HCl

RN 480449-64-7 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-  
[(dimethylamino)carbonyl]-2-[[2-[(4-fluorophenyl)amino]-2-oxo-1-  
thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

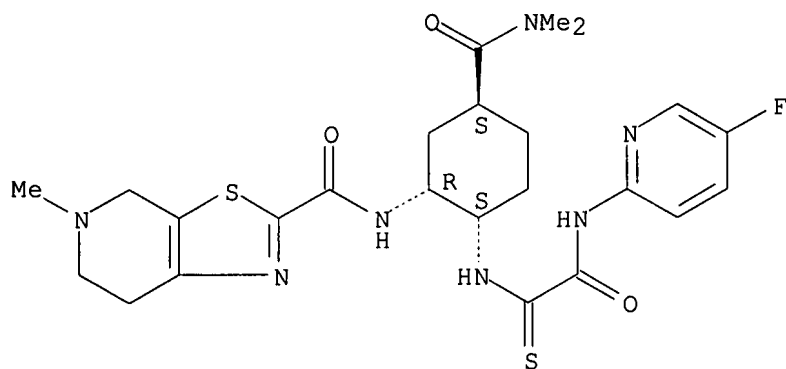
10773344



● HCl

RN 480449-65-8 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



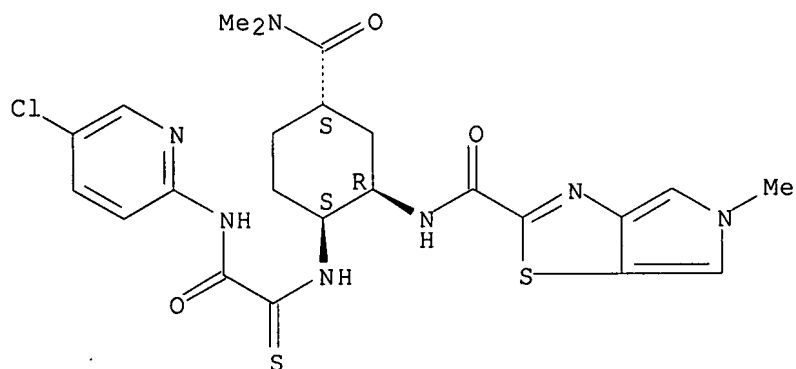
● HCl

RN 480449-66-9 HCAPLUS  
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

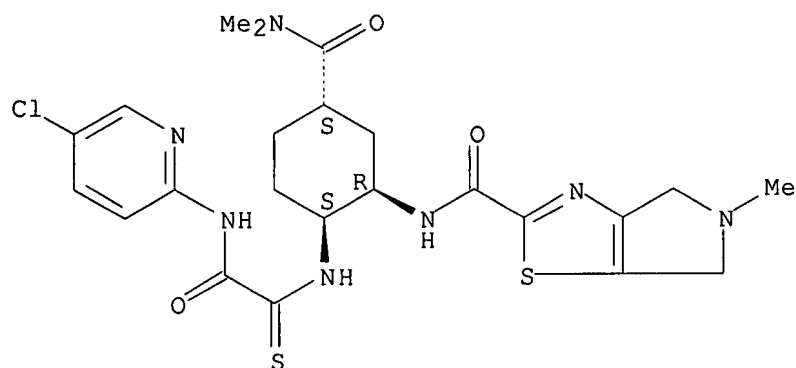
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RN 480449-67-0 HCAPLUS

CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480449-68-1 HCAPLUS

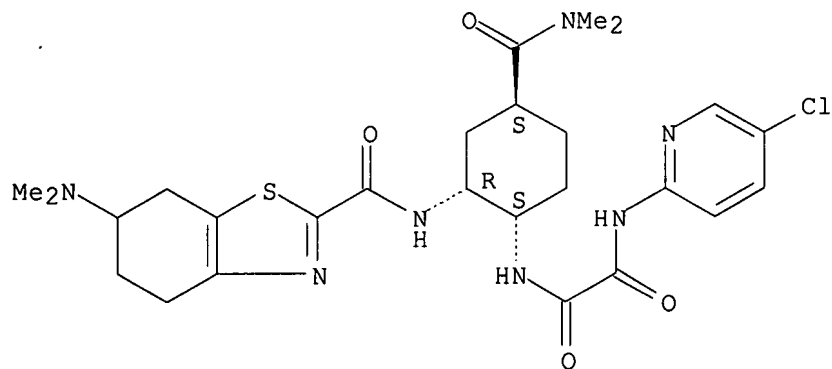
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[6-(dimethylamino)-4,5,6,7-tetrahydro-2-benzothiazolyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



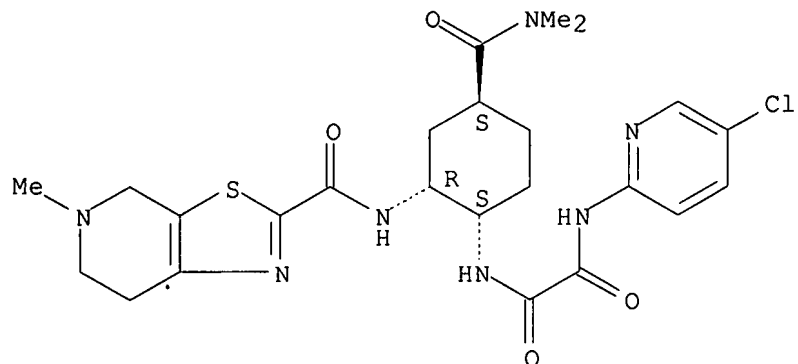
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RN 480449-70-5 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (CA INDEX NAME)

Absolute stereochemistry.



RN 480449-71-6 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, 4-methylbenzenesulfonate (1:1)  
(CA INDEX NAME)

CM 1

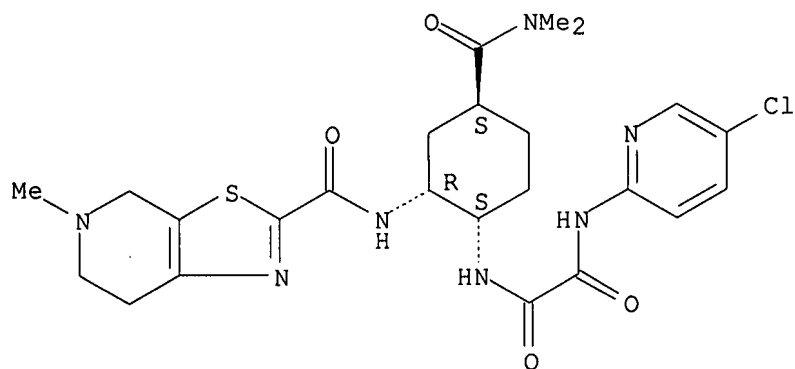
CRN 480449-70-5

CMF C24 H30 Cl N7 O4 S

Absolute stereochemistry.

Updated Search

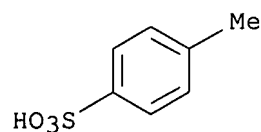
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CM 2

CRN 104-15-4

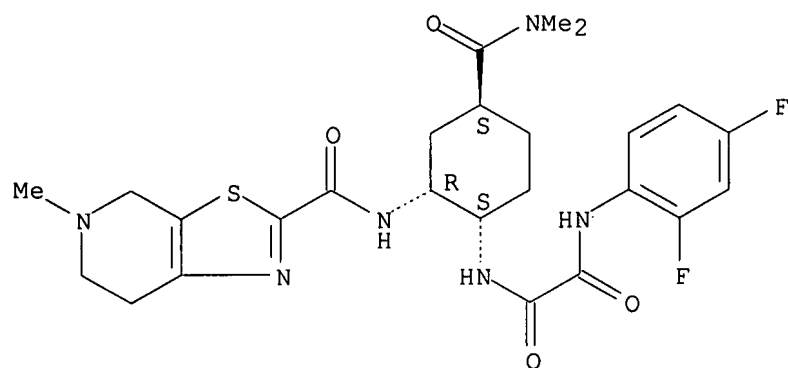
CMF C7 H8 O3 S



RN 482376-46-5 HCAPLUS

CN Ethanediame, N-(2,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 480452-38-8P 480452-49-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of heterocyclic moiety-containing diamine derivs. as FXa  
inhibitors)

RN 480452-38-8 HCAPLUS

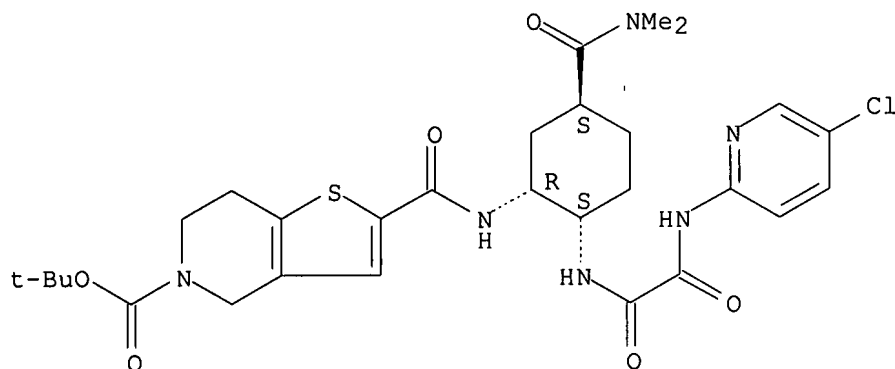
CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-  
chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclo

Updated Search

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hexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA  
INDEX NAME)

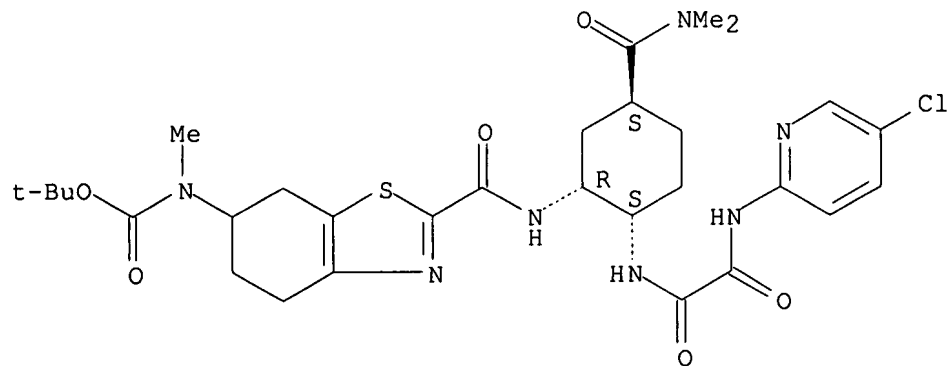
Absolute stereochemistry.



RN 480452-49-1 HCAPLUS

CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:5928 HCAPLUS

DOCUMENT NUMBER: 138:73271

TITLE: Preparation of N,N'-bis(heterocyclic  
acyl)cycloalkanediamine and heterocyclediamine  
derivatives as inhibitors of activated blood  
coagulation factor X (factor Xa)

INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino,  
Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito,  
Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno,  
Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji;  
Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

Updated Search

10773344

SOURCE: PCT Int. Appl., 788 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

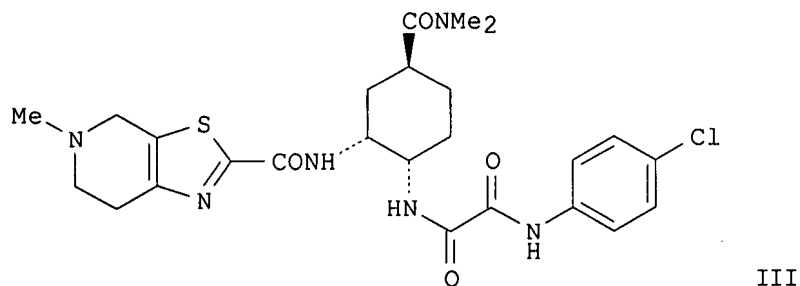
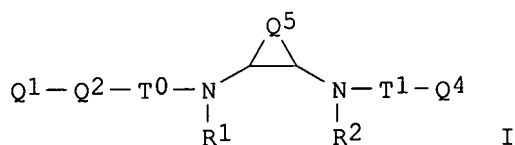
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WO 2003000657	A1	20030103	WO 2002-JP2683	20020320
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AU 2002242954	A1	20030108	AU 2002-242954	20020320
CA 2451605	A1	20030103	CA 2002-2451605	20020620
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EP 1405852	A1	20040407	EP 2002-743653	20020620
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BR 2002010541	A	20040622	BR 2002-10541	20020620
CN 1826333	A	20060830	CN 2002-816040	20020620
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AU 2002328596	A1	20030303	AU 2002-328596	20020808
EP 1415992	A1	20040506	EP 2002-762760	20020808
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BR 2002011565	A	20040629	BR 2002-11565	20020808
CN 1894238	A	20070110	CN 2002-819652	20020808
ZA 2003009866	A	20041220	ZA 2003-9866	20030130
NO 2003005634	A	20040218	NO 2003-5634	20031217
ZA 2004000926	A	20050204	ZA 2004-926	20040204
NO 2004000557	A	20040402	NO 2004-557	20040206

Updated Search

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MX 2004PA01272	A	20040527	MX 2004-PA1272	20040209
US 2005245565	A1	20051103	US 2004-481629	20040601
US 2005119486	A1	20050602	US 2004-481262	20040714
PRIORITY APPLN. INFO.			JP 2001-187105	A 20010620
			JP 2001-243046	A 20010809
			JP 2001-311808	A 20011009
			JP 2001-398708	A 20011228
			WO 2002-JP2683	W 20020320
			WO 2002-JP6141	W 20020620
			WO 2002-JP6441	A 20020620
			WO 2002-JP8119	W 20020808

OTHER SOURCE(S): MARPAT 138:73271  
GI



AB Diamine compds. represented by the following general formula [I; wherein R1, R2 = H, HO, alkoxy; Q1 = each (un)substituted and (un)saturated 5 or 6-membered cyclic hydrocarbonyl, 5 to 7-membered heterocyclyl, or bicyclic or tricyclic fused hydrocarbonyl or heterocyclyl; Q2 = a single bond, (un)substituted and (un)saturated bivalent cyclic hydrocarbon, 5 to 7-membered heterocycle, or bicyclic or tricyclic fused hydrocarbon or heterocyclic group; Q5 = C1-8 alkylene, C2-8 alkenylene, (CH2)<sub>m</sub>CH2-A-CH2(CH2)<sub>n</sub> (wherein m, n = an integer of 0-3); A = O, N, S, SO, SO2, NH, ONH, NHNH, SNH, SONH, SO2NH; R3 and R4 are groups substituted on C, N, or S in the ring containing Q5 and are selected from H, HO, alkyl, alkenyl, alkynyl, halo, haloalkyl, cyano, cyanoalkyl, NH2, aminoalkyl, N-alkylaminoalkyl, N,N-dialkylaminoalkyl, acyl, acylalkyl, (un)substituted acylaminoalkyl, etc.; Q4 = each (un)substituted aryl, arylalkenyl, arylalkynyl, heteroaryl, or heteroarylalkenyl, each (un)saturated and (un)saturated bicyclic or tricyclic fused hydrocarbonyl or heterocyclyl; T0 = CO, thiocarbonyl; T1 = CO, SO2, CO-CO, N-(un)substituted CO-NR, C(:S)-CO-NR, CO-C(S)-NR, C(S)-C(:S)-NR (wherein R = H, HO, alkyl, alkoxy), etc.], salts thereof, solvates of the same, or N-oxides of the same are prepared. The diamine compds. include N,N'-bis(heterocyclic acyl)-1,2-cyclopropanediamine, -1,2-cyclobutanediamine, 1,2-cyclopentanediamine, -1,2-cyclohexanediamine, 1,2-cycloheptanediamine, -1,2-cyclooctanediamine, -tetrahydro-3,4-

Updated Search

furandiamine, -3,4-pyrrolidinediamine, -3,4-piperidinediamine, -tetrahydro-6-oxo-3,4-pyridandiamine, and -tetrahydro-3,4-thiopyrandiamine-1,1-dioxide derivs. These compds. are blood coagulation inhibitors and useful as preventives and/or remedies for thrombus or embolism including brain infarction, cerebral embolism, cardiac infarction, angina, pulmonary infarction, pulmonary embolism, Buerger's disease, deep venous thrombosis, disseminated intravascular coagulation syndrome, thrombosis following artificial flap/joint replacement, thrombosis and re-obstruction following blood flow reconstruction, systemic inflammatory reaction syndrome (SIRS), multiple organ dysfunction syndrome (MODS), thrombosis during external circulation or blood coagulation during blood collection. Thus, 288 mg 2-(4-chloroanilino)-2-oxoacetic acid Et ester was dissolved in 8.0 mL THF, treated with 46 mg LiOH and 1.0 mL H<sub>2</sub>O, stirred at room temperature for 2 h, concentrated in dryness under reduced pressure to give 292 mg crude 2-(4-chloroanilino)-2-oxoacetic acid lithium salt (II). II and N-[(1R,2S,5S)-2-amino-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridine-2-carboxamide (preparation given) were dissolved in 15 mL DMF and stirred with 164 mg 1-hydroxybenzotriazole hydrate and 251 mg 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride at room temperature for 64.5 h to give a cyclohexanediamine derivative

(III). III.HCl showed IC<sub>50</sub> of 1.2 nM against human factor Xa.

IT 480448-28-0P 480448-29-1P 480448-30-4P  
 480448-31-5P 480448-32-6P 480448-33-7P  
 480448-34-8P 480448-35-9P 480448-36-0P  
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 480449-66-9P 480449-67-0P 480449-68-1P  
 480449-70-5P 480449-71-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

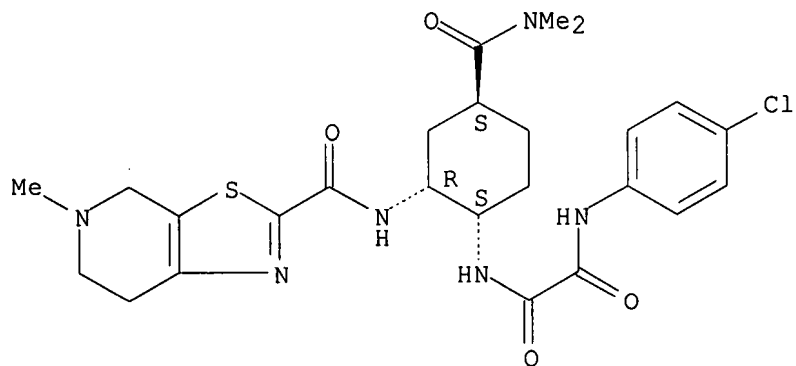
(preparation of N,N'-bis(heterocyclic acyl)cycloalkanediamine and heterocyclediamine derivs. as factor Xa and blood coagulation inhibitors for prevention and treatment of thrombus and embolism)

RN 480448-28-0 HCAPLUS

CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

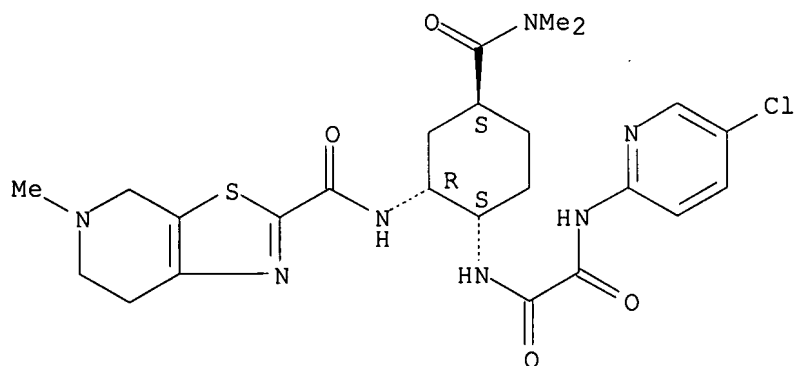
10773344



● HCl

RN 480448-29-1 HCAPLUS  
CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX  
NAME)

Absolute stereochemistry.



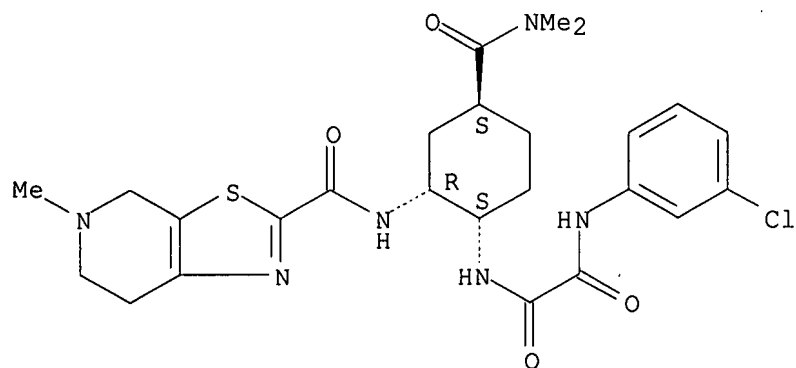
● HCl

RN 480448-30-4 HCAPLUS  
CN Ethanediame, N-(3-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

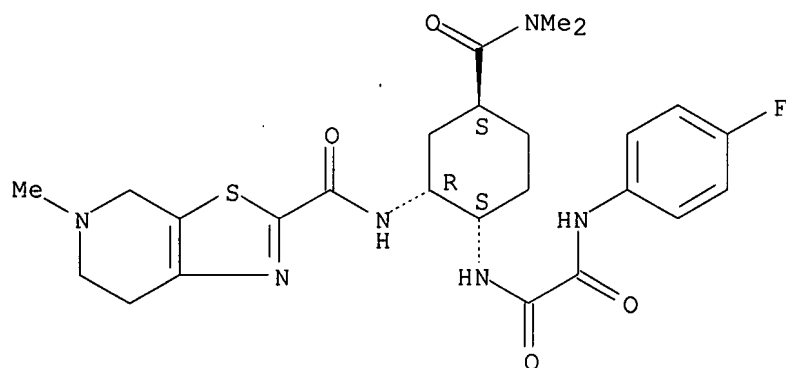
10773344



● HCl

RN 480448-31-5 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(4-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

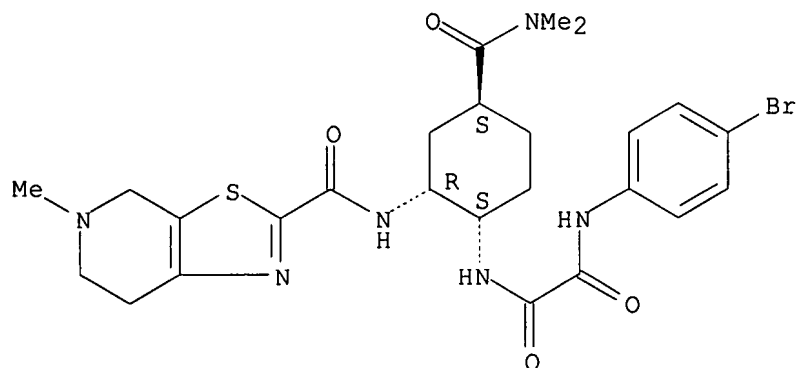
RN 480448-32-6 HCAPLUS  
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Absolute stereochemistry.

Updated Search



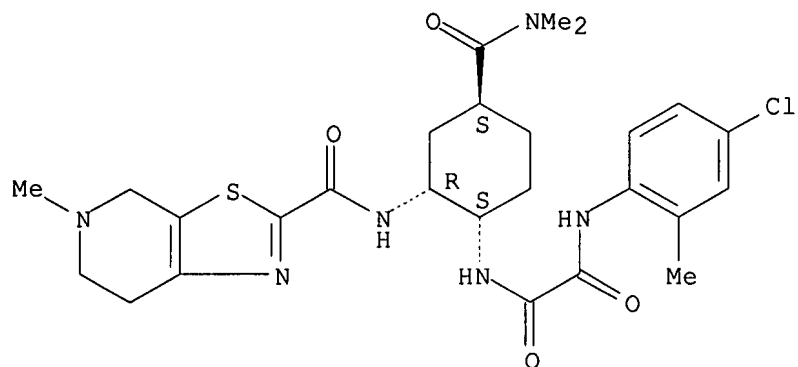
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● HCl

RN 480448-33-7 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-methylphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



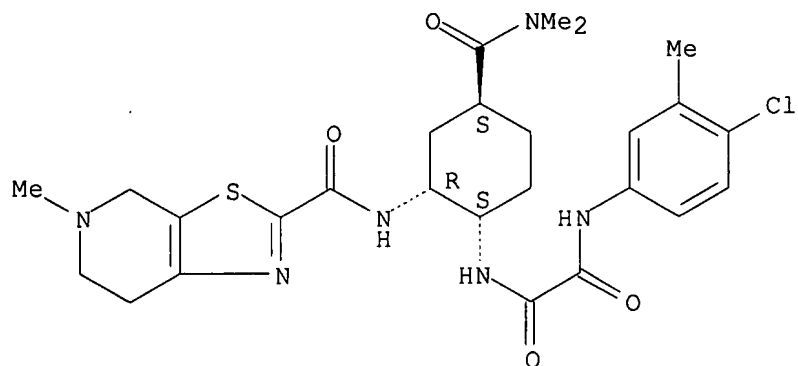
● HCl

RN 480448-34-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-methylphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

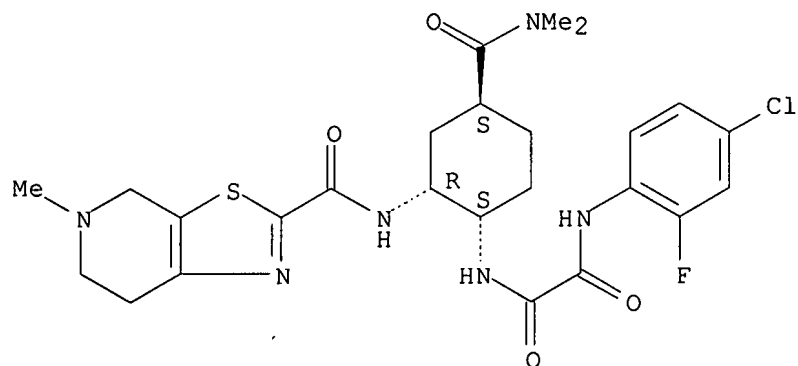
10773344



● HCl

RN 480448-35-9 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



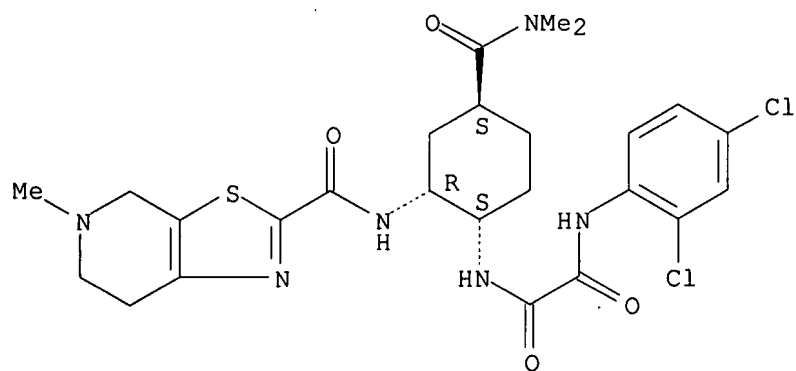
● HCl

RN 480448-36-0 HCAPLUS  
CN Ethanediame, N-(2,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

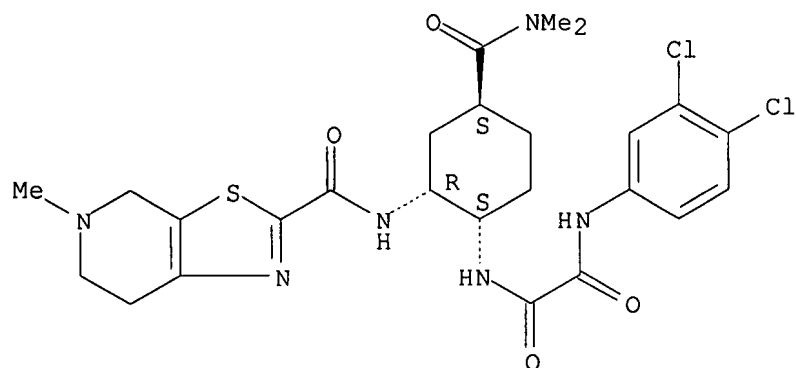
10773344



● HCl

RN 480448-37-1 HCAPLUS  
CN Ethanediame, N-(3,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

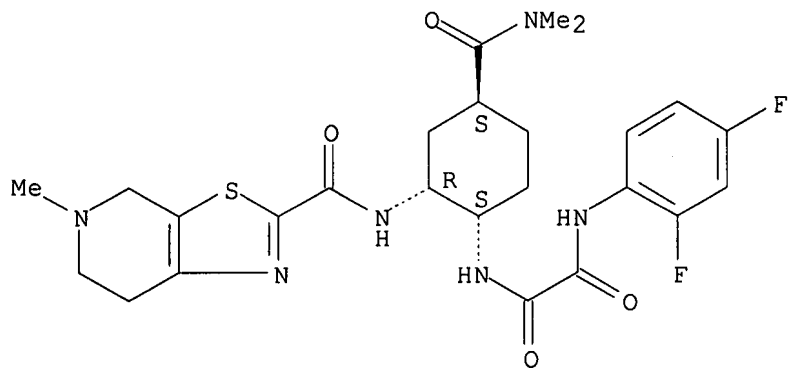


RN 480448-38-2 HCAPLUS  
CN Ethanediame, N-(2,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

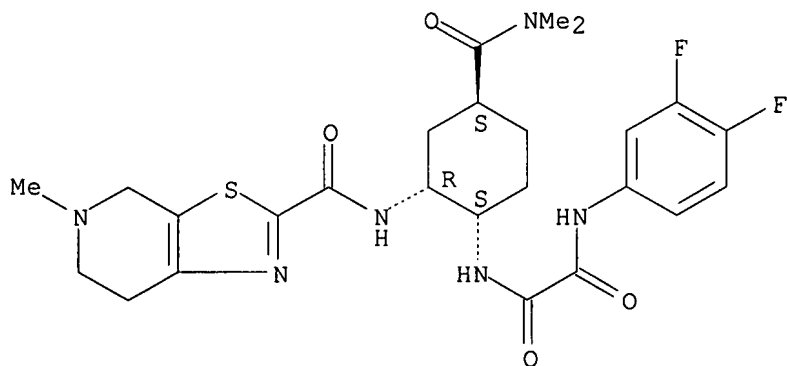


● HCl

RN 480448-39-3 HCAPLUS

CN Ethanediame, N-(3,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



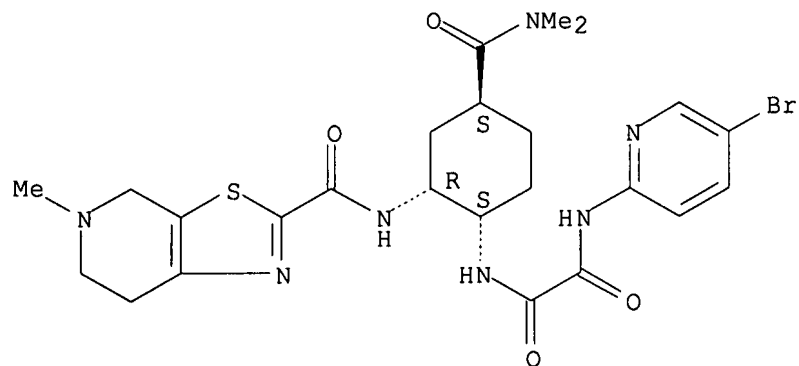
RN 480448-41-7 HCAPLUS

CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

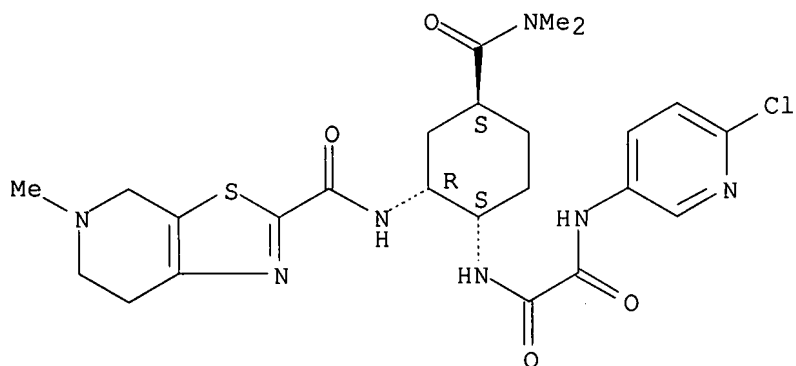
10773344



● HCl

RN 480448-42-8 HCAPLUS  
CN Ethanediame, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



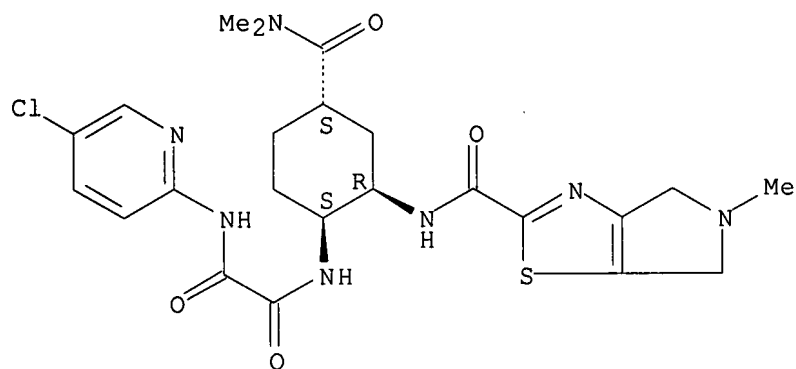
● HCl

RN 480448-45-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[[5,6-dihydro-5-  
methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-  
[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX  
NAME)

Absolute stereochemistry.

Updated Search

10773344

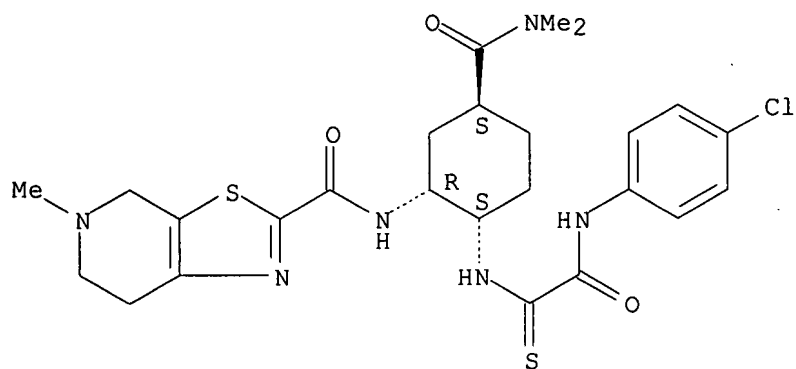


● HCl

RN 480449-02-3 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(4-chlorophenyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



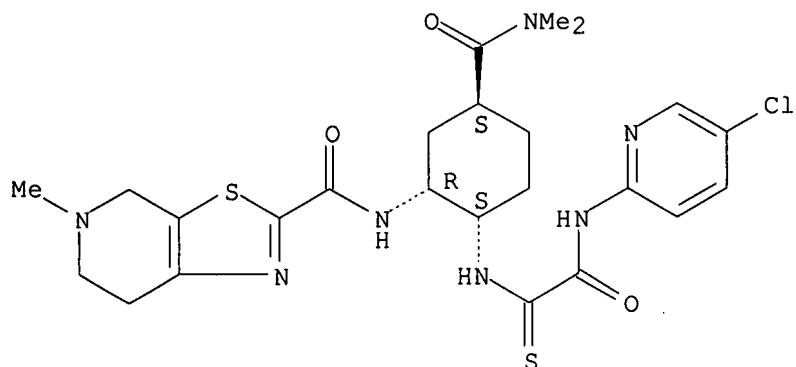
RN 480449-04-5 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

Updated Search

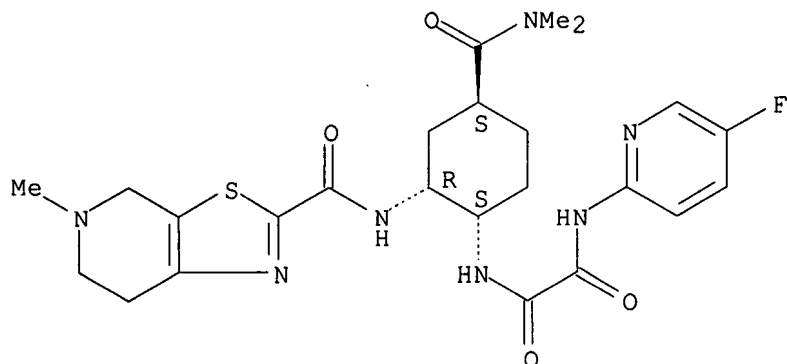
10773344



RN 480449-09-0 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

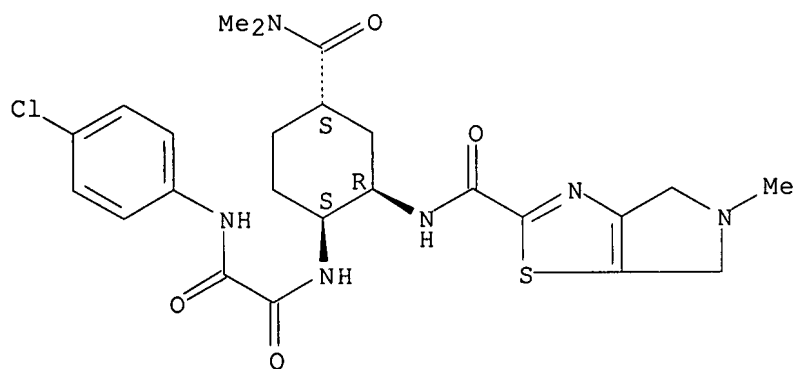
RN 480449-10-3 HCAPLUS

CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

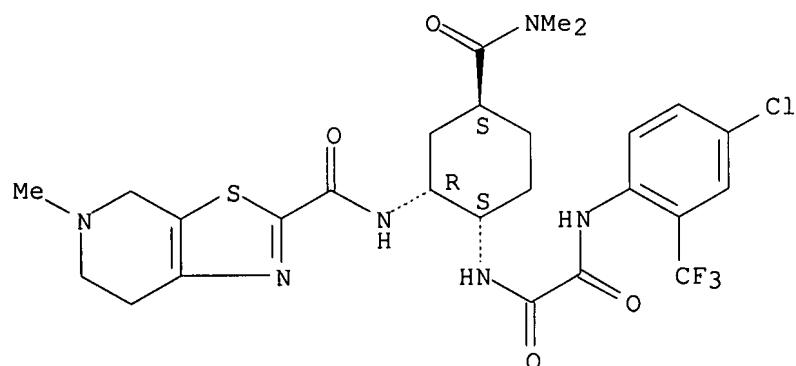


● HCl

RN 480449-11-4 HCAPLUS

CN Ethanediamide, N-[4-chloro-2-(trifluoromethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 480449-12-5 HCAPLUS

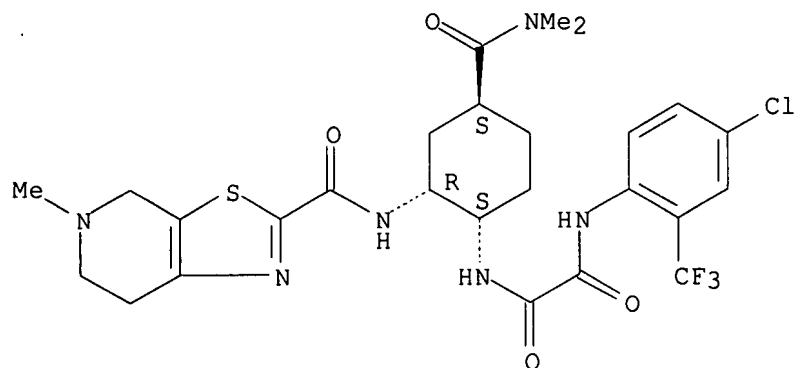
CN Ethanediamide, N-[4-chloro-2-(trifluoromethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344

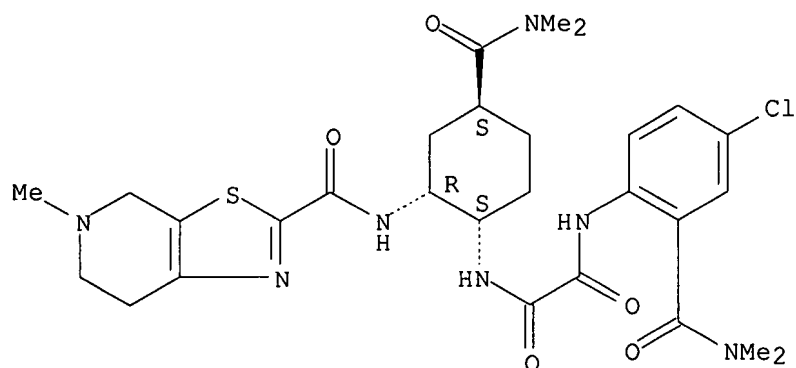


● HCl

RN 480449-13-6 HCAPLUS

CN Ethanediame, N-[4-chloro-2-[(dimethylamino)carbonyl]phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

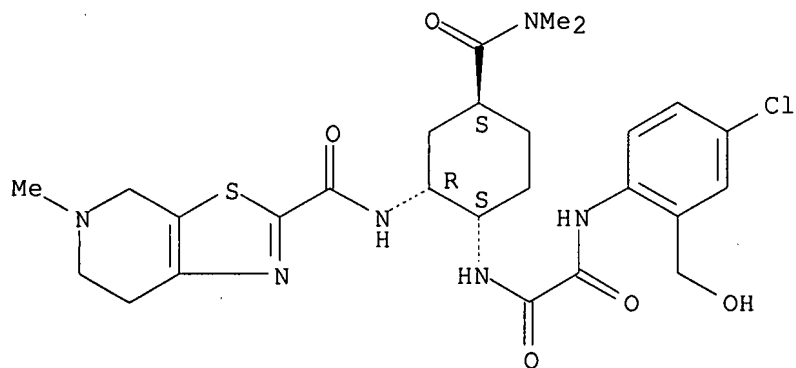
RN 480449-14-7 HCAPLUS

CN Ethanediame, N-[4-chloro-2-(hydroxymethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

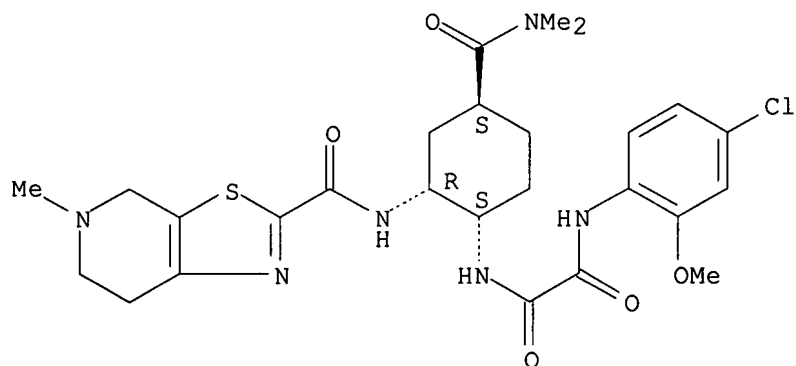
10773344



● HCl

RN 480449-15-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-methoxyphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



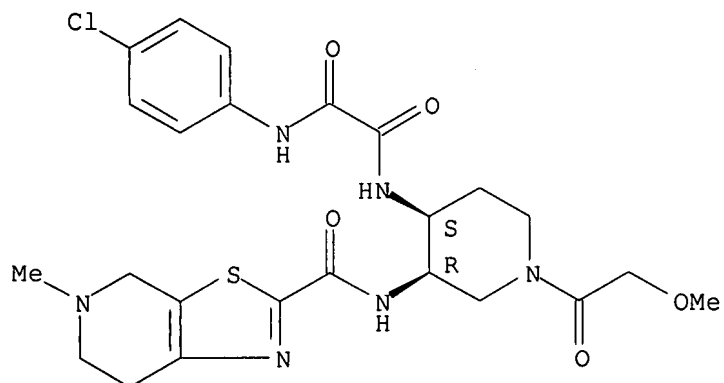
● HCl

RN 480449-17-0 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

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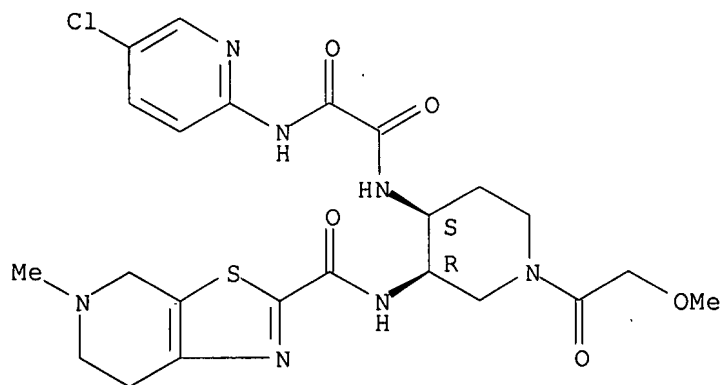


● HCl

RN 480449-18-1 HCAPLUS

400449 10 1 NCM-EB0  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

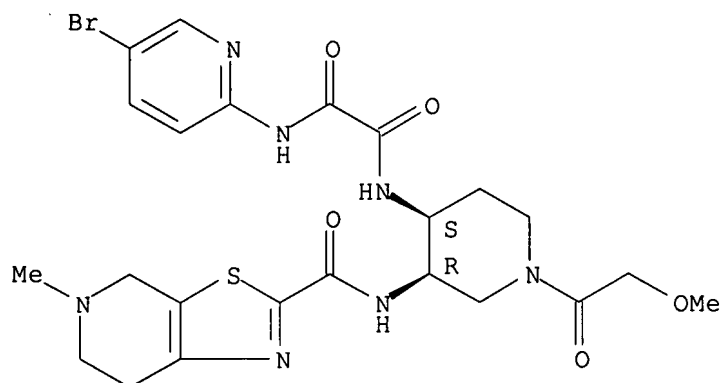
RN 480449-19-2 HCAPLUS

CN	Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)
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Absolute stereochemistry.

Updated Search

10773344

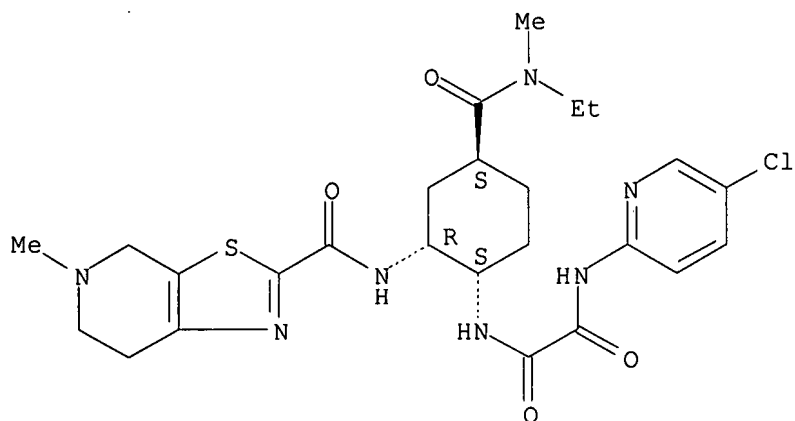


● HCl

RN 480449-22-7 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

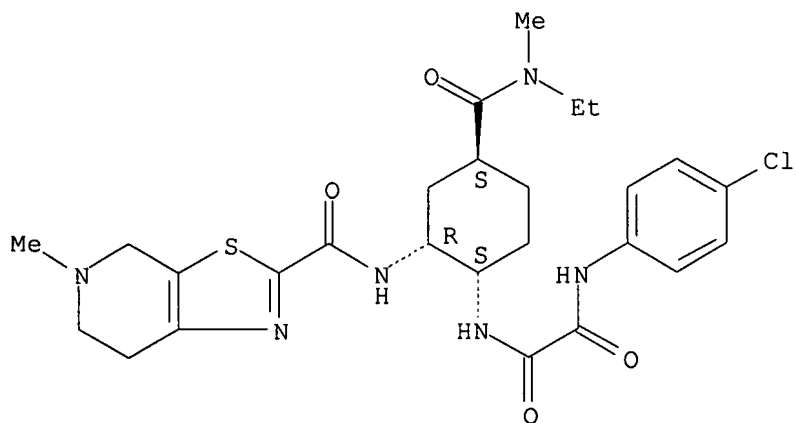
RN 480449-23-8 HCAPLUS

CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

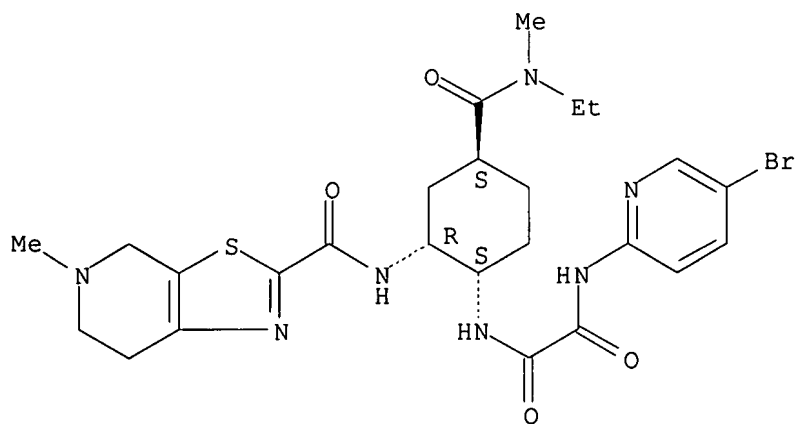
10773344



● HCl

RN 480449-24-9 HCAPLUS  
CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



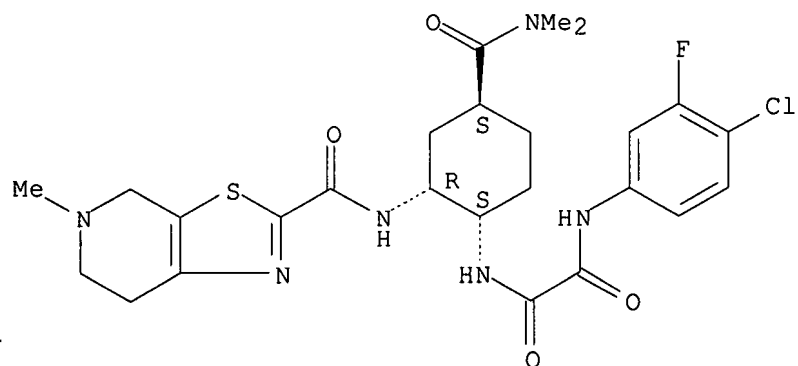
● HCl

RN 480449-25-0 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

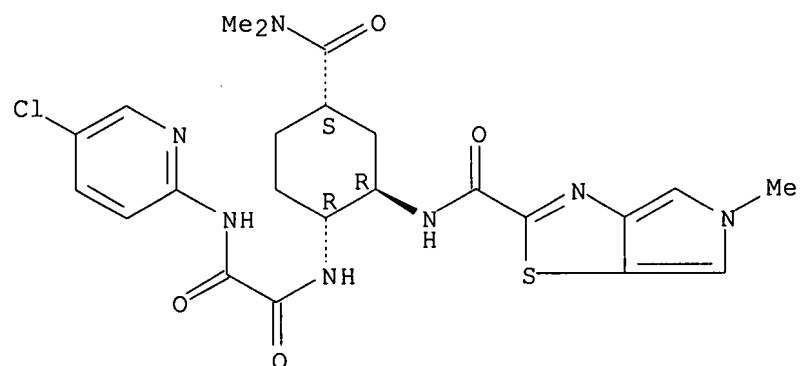
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● HCl

RN 480449-27-2 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[5-methyl-5H-pyrrolo[3,4-d]thiazol-2-  
yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

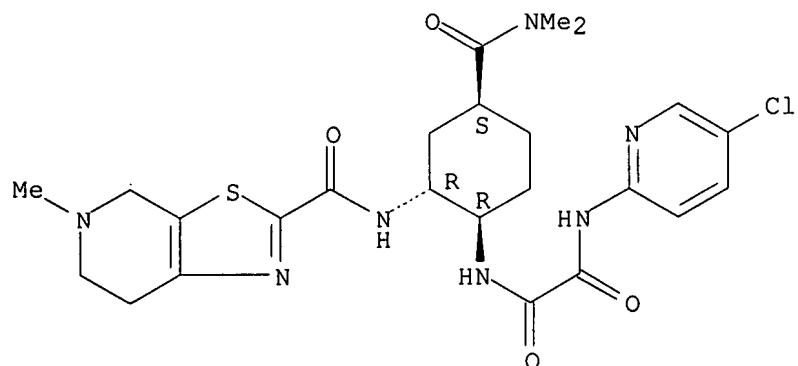


RN 480449-28-3 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

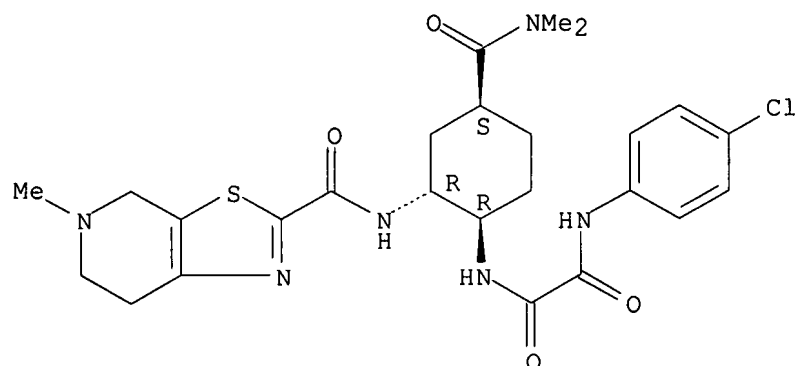
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● HCl

RN 480449-29-4 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

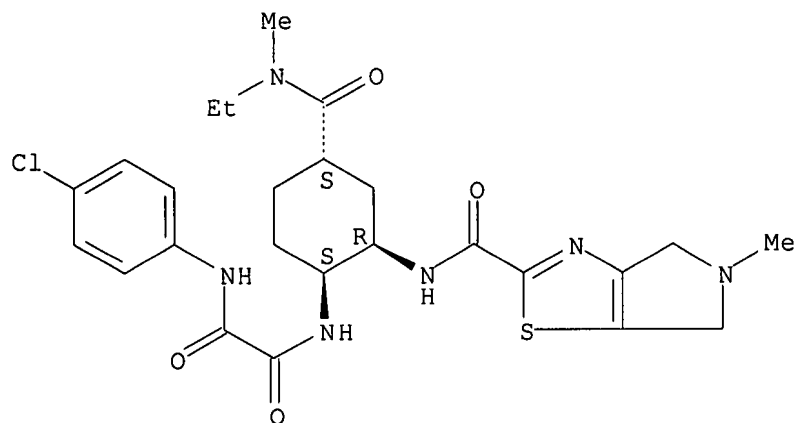


RN 480449-36-3 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[[(5,6-dihydro-5-methyl-  
4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-  
[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

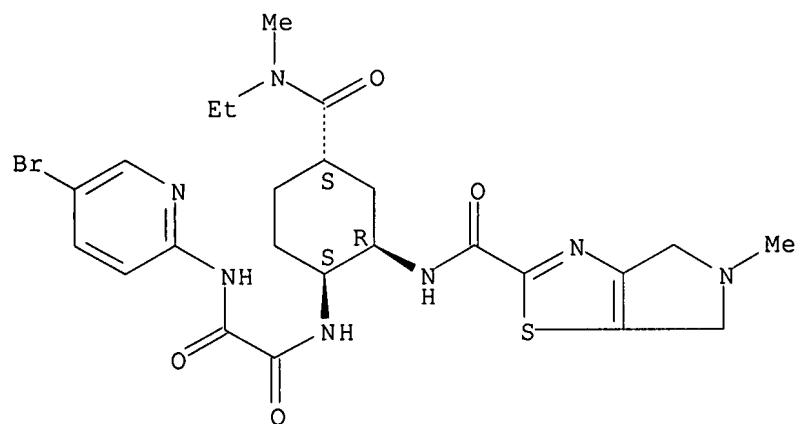
10773344



● HCl

RN 480449-37-4 HCAPLUS  
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

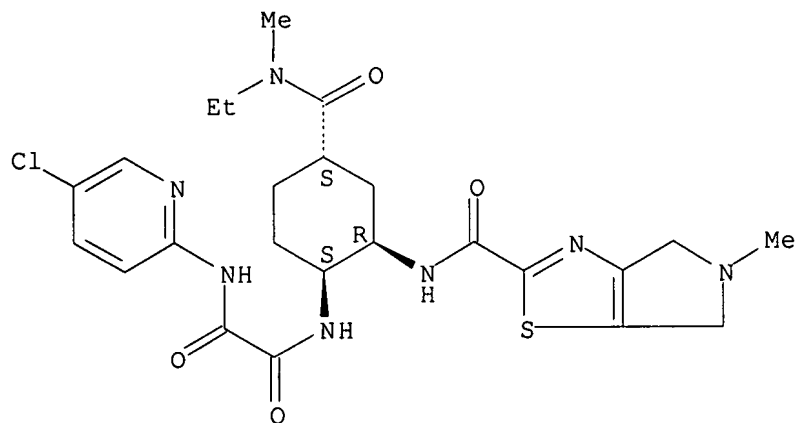
RN 480449-38-5 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



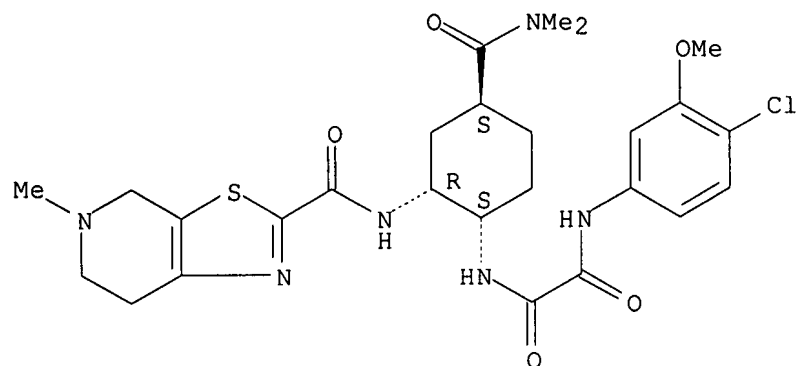
10773344



● HCl

RN 480449-39-6 HCAPLUS  
CN Ethanediamic acid, N-(4-chloro-3-methoxyphenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



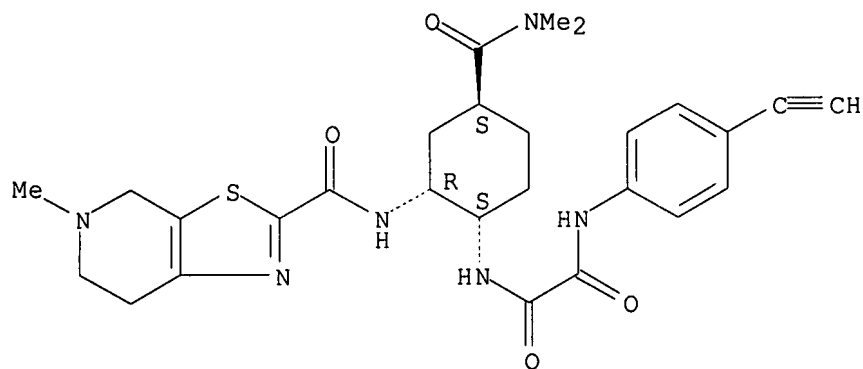
● HCl

RN 480449-42-1 HCAPLUS  
CN Ethanediamic acid, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(4-ethynylphenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

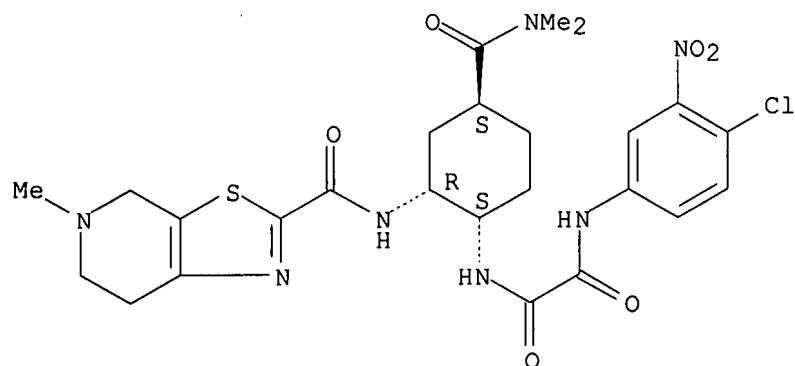
10773344



RN 480449-44-3 HCAPLUS

CN Ethanediame, N-(4-chloro-3-nitrophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

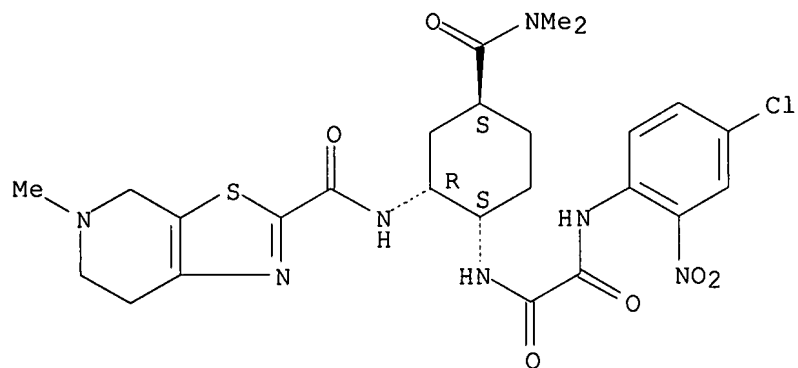
RN 480449-45-4 HCAPLUS

CN Ethanediame, N-(4-chloro-2-nitrophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

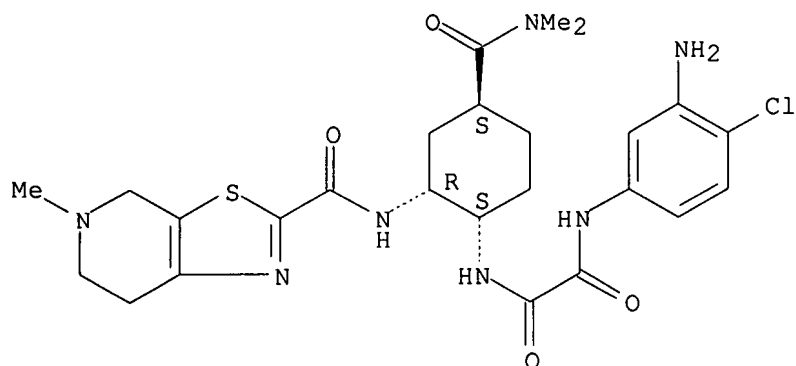


● HCl

RN 480449-46-5 HCAPLUS

CN Ethanediame, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



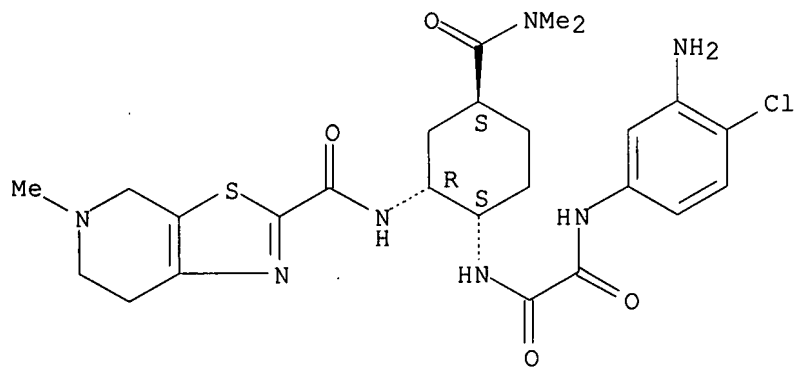
RN 480449-47-6 HCAPLUS

CN Ethanediame, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

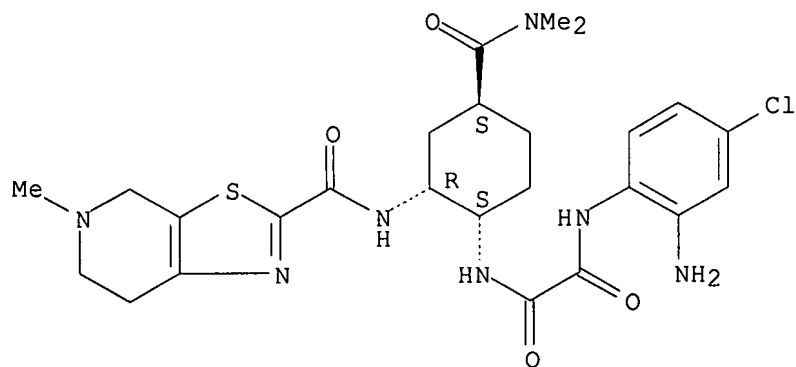
10773344



● HCl

RN 480449-48-7 HCAPLUS  
CN Ethanediame, N-(2-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



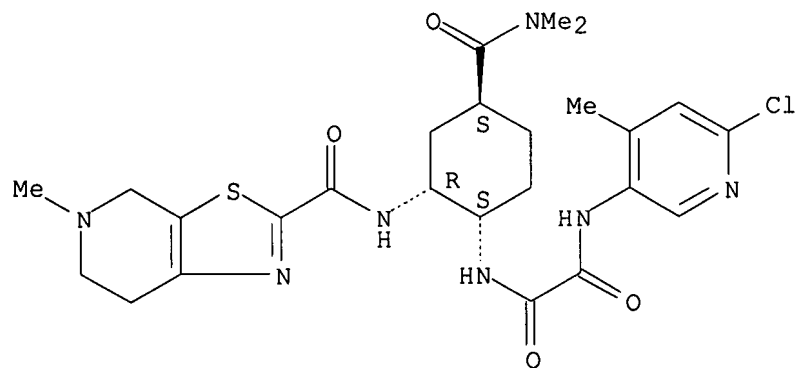
● HCl

RN 480449-49-8 HCAPLUS  
CN Ethanediame, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

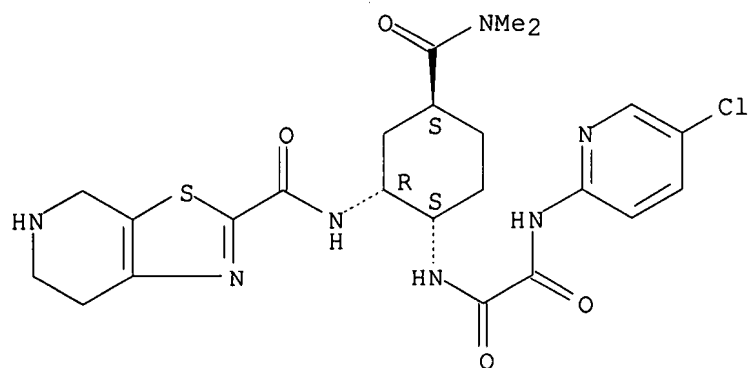
10773344



● HCl

RN 480449-52-3 HCAPLUS  
CN Ethanedi-1-amine, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-  
yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



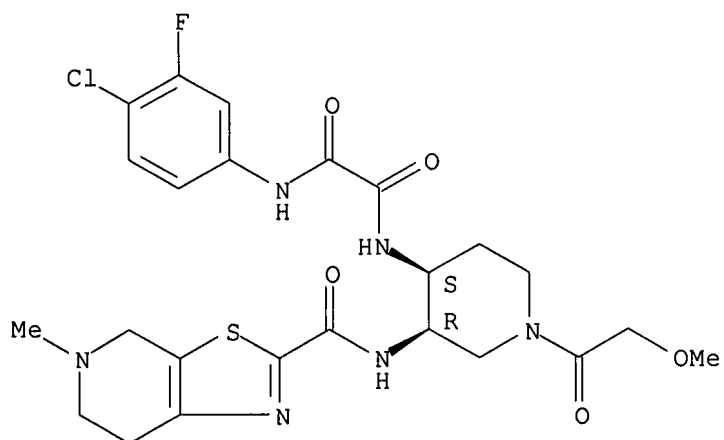
● HCl

RN 480449-56-7 HCAPLUS  
CN Ethanedi-1-amine, N-(4-chloro-3-fluorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

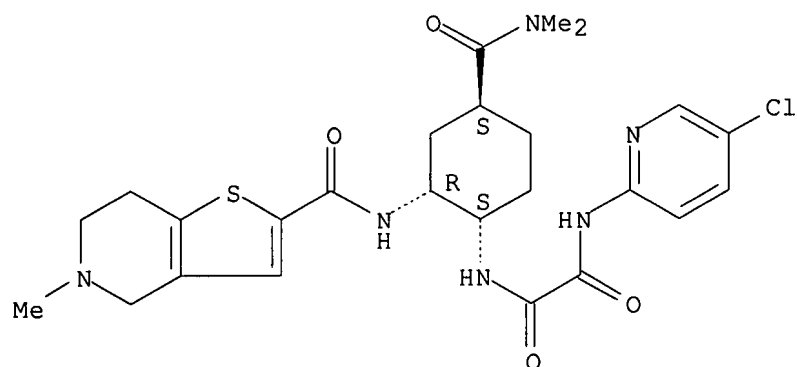
10773344



● HCl

RN 480449-62-5 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthieno[3,2-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



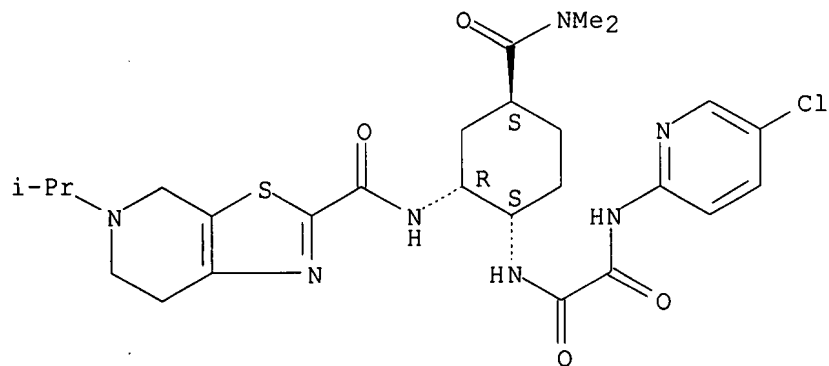
● HCl

RN 480449-63-6 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-  
methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

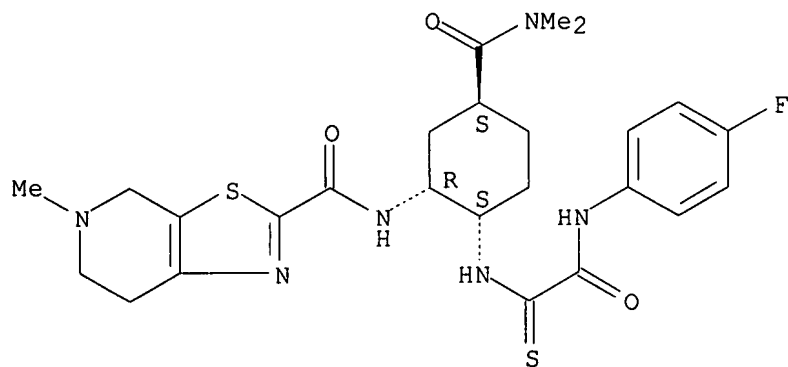
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● HCl

RN 480449-64-7 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(4-fluorophenyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



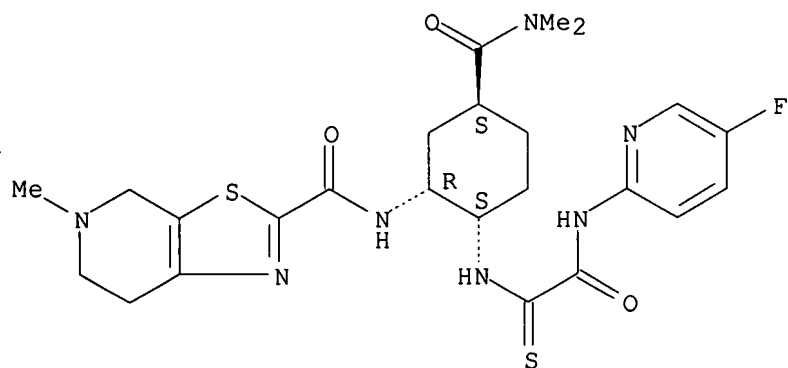
● HCl

RN 480449-65-8 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

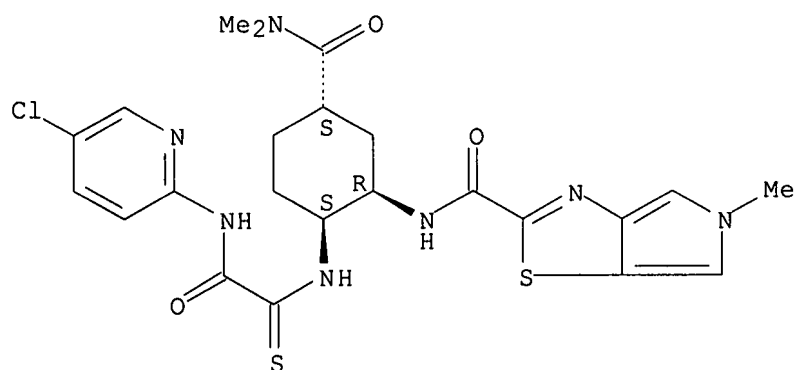


● HCl

RN 480449-66-9 HCAPLUS

CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



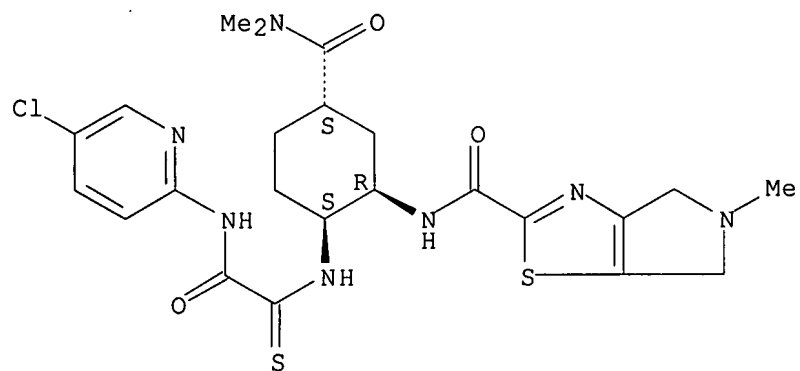
RN 480449-67-0 HCAPLUS

CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



10773344

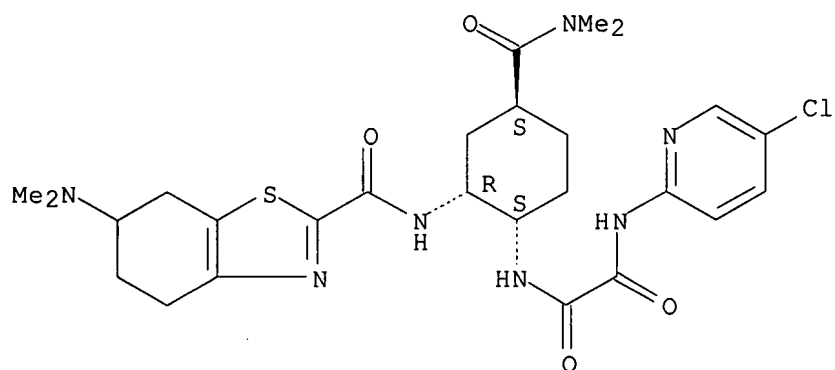


● HCl

RN 480449-68-1 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[6-(dimethylamino)-4,5,6,7-tetrahydro-2-  
benzothiazolyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



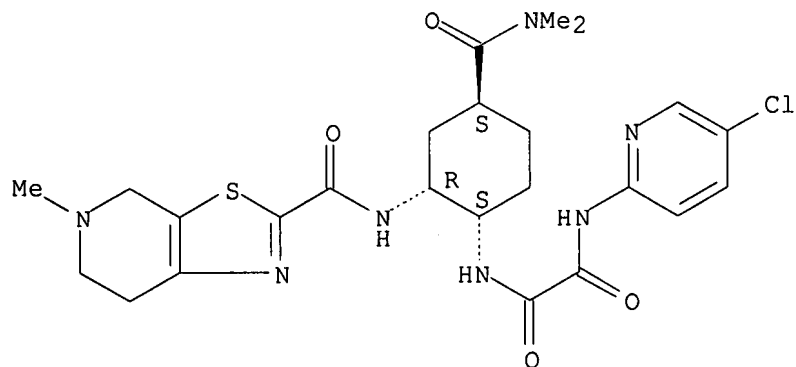
RN 480449-70-5 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

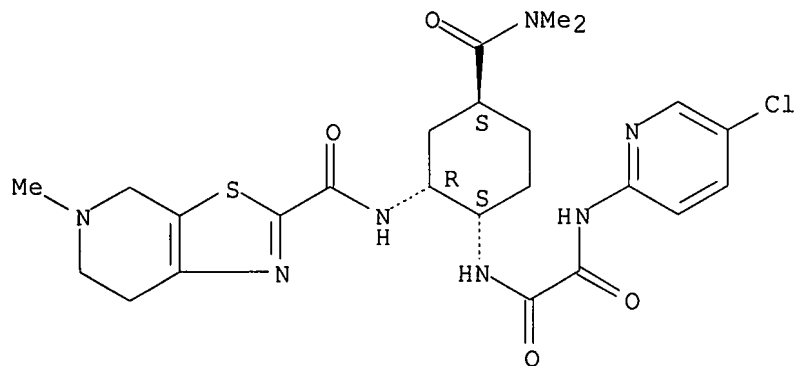


RN 480449-71-6 HCAPLUS  
CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, 4-methylbenzenesulfonate (1:1)  
(CA INDEX NAME)

CM 1

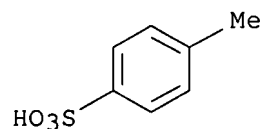
CRN 480449-70-5  
CMF C24 H30 Cl N7 O4 S

Absolute stereochemistry.



CM 2

CRN 104-15-4  
CMF C7 H8 O3 S



IT 480452-38-8P 480452-49-1P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT

Updated Search

10773344

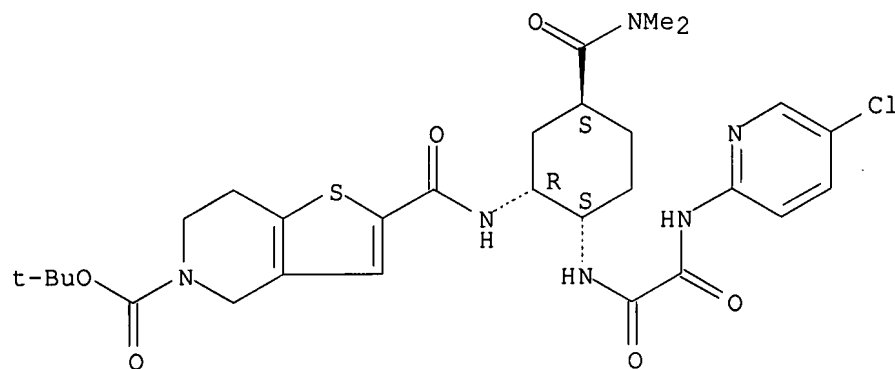
(Reactant or reagent)

(preparation of N,N'-bis(heterocyclic acyl)cycloalkanediamine and heterocyclodiamine derivs. as factor Xa and blood coagulation inhibitors for prevention and treatment of thrombus and embolism)

RN 480452-38-8 HCAPLUS

CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

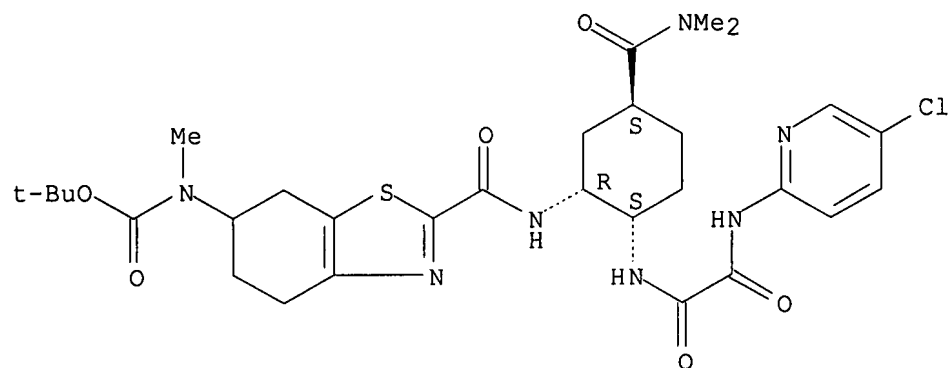
Absolute stereochemistry.



RN 480452-49-1 HCAPLUS

CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

54

THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

Updated Search

10773344

L1 STRUCTURE UPLOADED  
L2 17 S L1  
L3 261 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4 12 S L3  
L5 5 S L4 AND OHTA, T?/AU

=> s 14 not 15  
L6 7 L4 NOT L5

=> s 16 and komoriya, s?/au  
31 KOMORIYA, S?/AU  
L7 0 L6 AND KOMORIYA, S?/AU

=> s 16 and yoshino, t?/au  
1881 YOSHINO, T?/AU  
L8 1 L6 AND YOSHINO, T?/AU

=> d 18, ibib abs hitstr, 1

L8 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:508525 HCAPLUS

DOCUMENT NUMBER: 139:85363

TITLE: Preparation of diamine derivatives as factor Xa inhibitors and anticoagulants, and their use for treatment of diseases

INVENTOR(S): Ota, Toshiharu; Komoritani, Satoshi; Yoshino, Toshiharu; Uoto, Koichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Shozo

PATENT ASSIGNEE(S): Daiichi Seiyaku Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 284 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

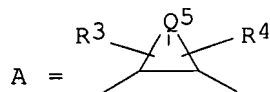
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003183286	A	20030703	JP 2001-398959	20011228
PRIORITY APPLN. INFO.:			JP 2001-311909	A 20011009
OTHER SOURCE(S):	MARPAT	139:85363		

GI



AB The derivs. are Q1Q2T0NR1Q3NR2R1Q4 [Q1 = (substituted) 5- to 6-membered cyclic hydrocarbyl, (substituted) 5- to 7-membered heterocycllyl, etc; Q2 = single bond, (substituted) 5- to 6-membered cyclic hydrocarbylene, etc.; Q3 = A; Q4 = (substituted) aryl, (substituted) arylalkenyl, etc.; Q5 =

Updated Search

10773344

C1-8 alkylene, C2-8 alkenylene, etc.; T0 = (thio)carbonyl; T1 = carbonyl, sulfonyl, etc.; R1, R2 = H, OH, alkyl, alkoxy; R3, R4 = H, OH, alkyl, etc.), their salts, solvates, or N-oxides. Thus, (±)-trans-N-[(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]-1,2-cyclopentanediamine HCl salt was amidated with 5-chloroindole-2-carboxylic acid to give I which inhibited human factor Xa with IC50 86 nM in vitro.

IT 480448-28-0P 480448-29-1P 480448-30-4P  
480448-31-5P 480448-32-6P 480448-33-7P  
480448-34-8P 480448-35-9P 480448-36-0P  
480448-38-2P 480448-41-7P 480448-42-8P  
480448-45-1P 480449-02-3P 480449-04-5P  
480449-09-0P 480449-10-3P 480449-12-5P  
480449-13-6P 480449-14-7P 480449-15-8P  
480449-17-0P 480449-18-1P 480449-19-2P  
480449-22-7P 480449-23-8P 480449-24-9P  
480449-25-0P 480449-27-2P 480449-28-3P  
480449-29-4P 480449-36-3P 480449-37-4P  
480449-38-5P 480449-39-6P 480449-42-1P  
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552850-26-7P

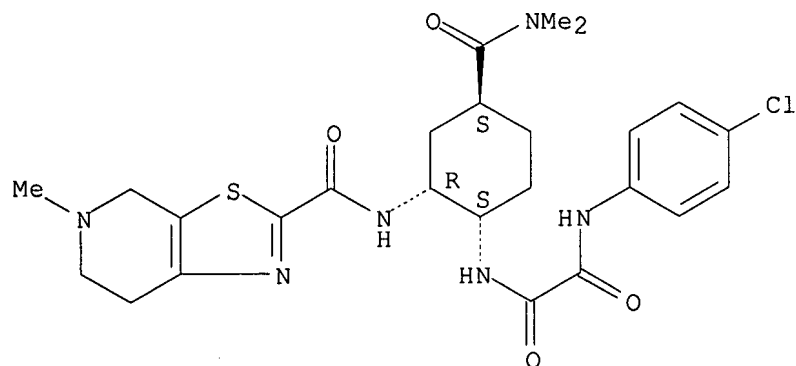
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of diamine derivs. as factor Xa inhibitors for anticoagulants)

RN 480448-28-0 HCAPLUS

CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

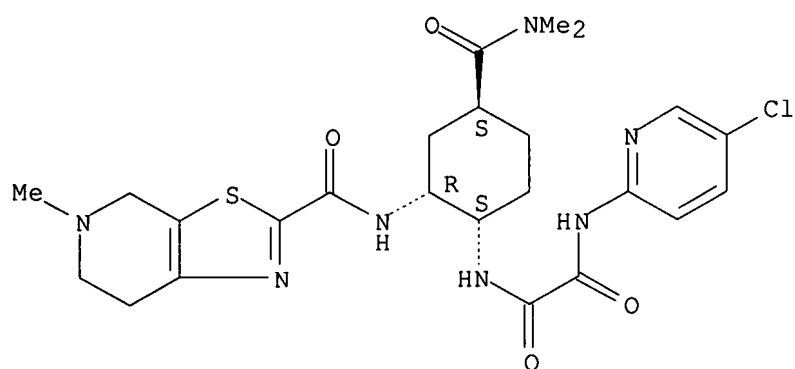
RN 480448-29-1 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

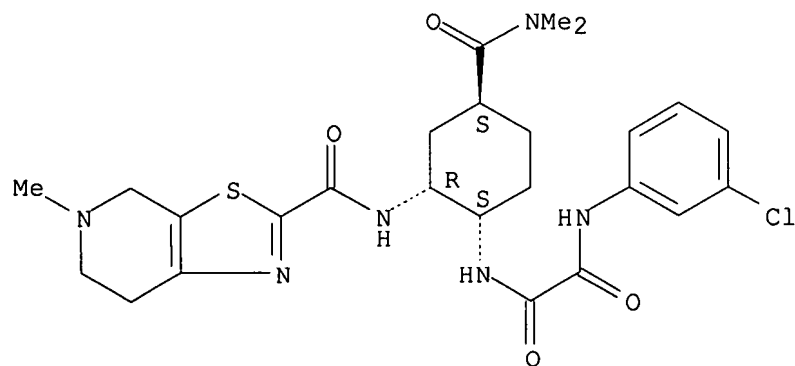
10773344



● HCl

RN 480448-30-4 HCAPLUS  
CN Ethanediamide, N-(3-chlorophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



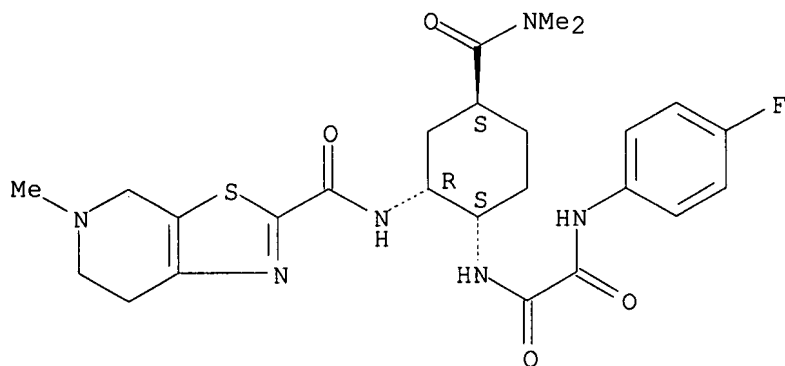
● HCl

RN 480448-31-5 HCAPLUS  
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(4-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

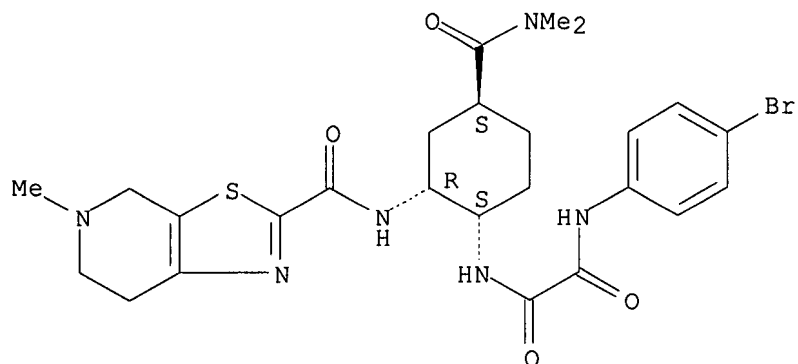
10773344



● HCl

RN 480448-32-6 HCAPLUS  
CN Ethanediameide, N-(4-bromophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



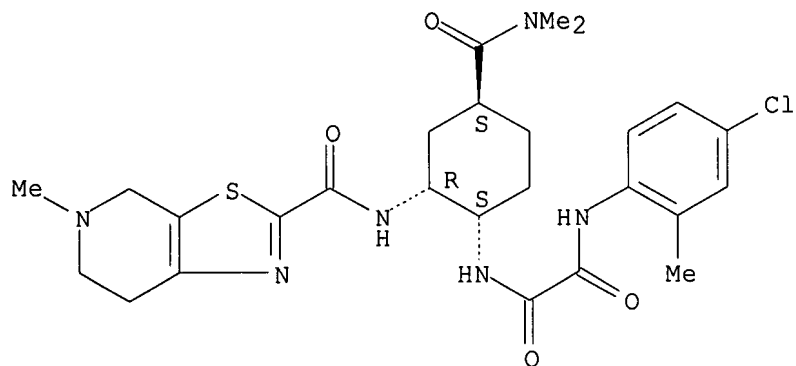
● HCl

RN 480448-33-7 HCAPLUS  
CN Ethanediameide, N-(4-chloro-2-methylphenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

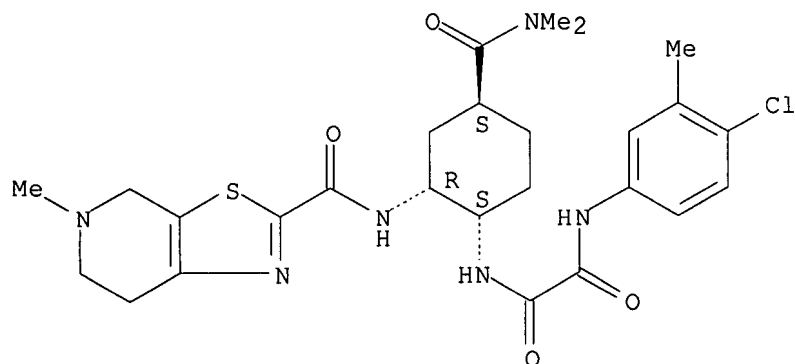
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● HCl

RN 480448-34-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-methylphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

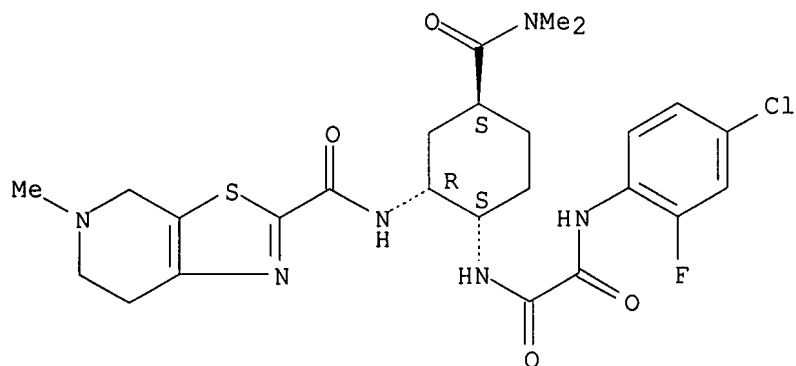
RN 480448-35-9 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search



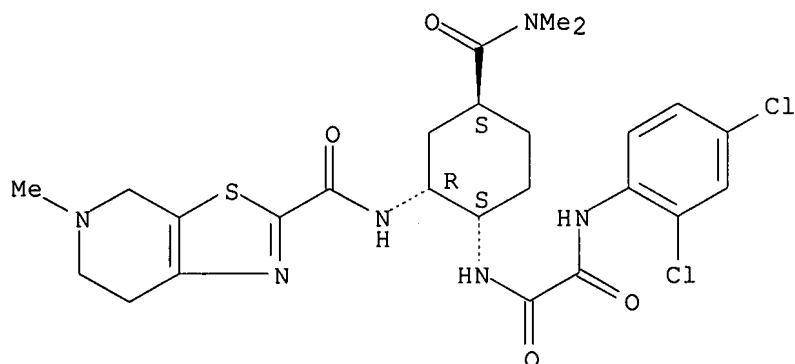
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● HCl

RN 480448-36-0 HCAPLUS  
CN Ethanediame, N-(2,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



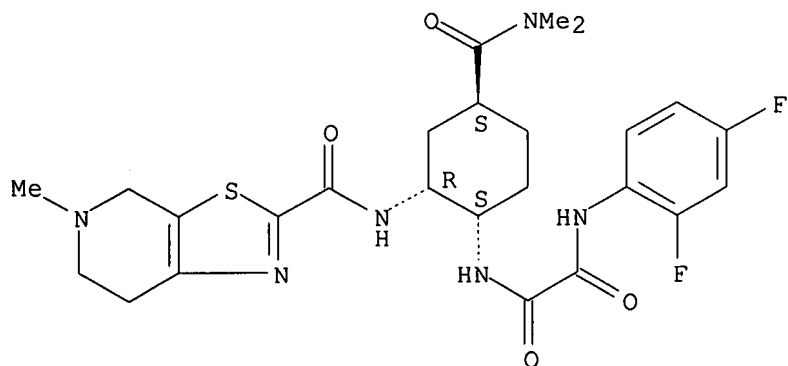
● HCl

RN 480448-38-2 HCAPLUS  
CN Ethanediame, N-(2,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

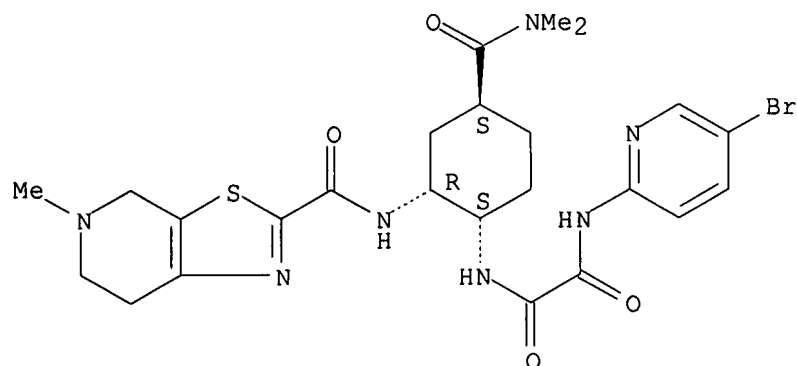
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● HCl

RN 480448-41-7 HCAPLUS  
CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



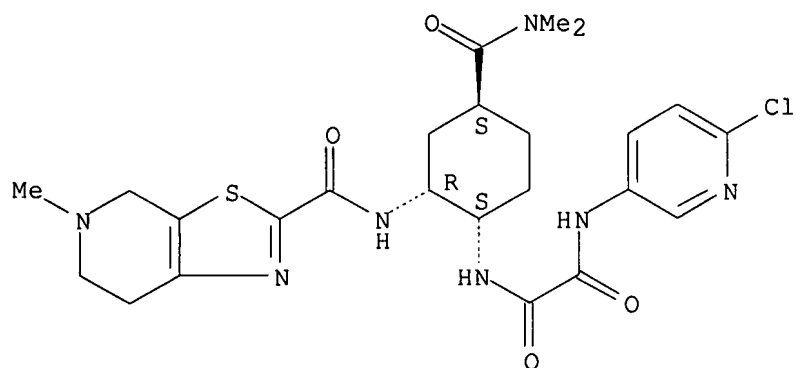
● HCl

RN 480448-42-8 HCAPLUS  
CN Ethanediame, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
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c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

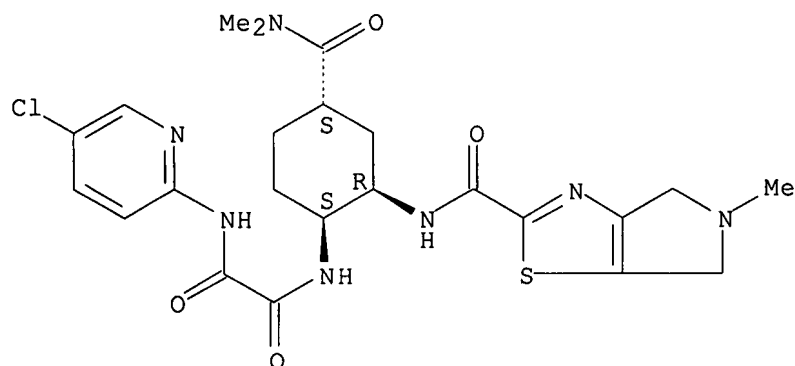
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● HCl

RN 480448-45-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



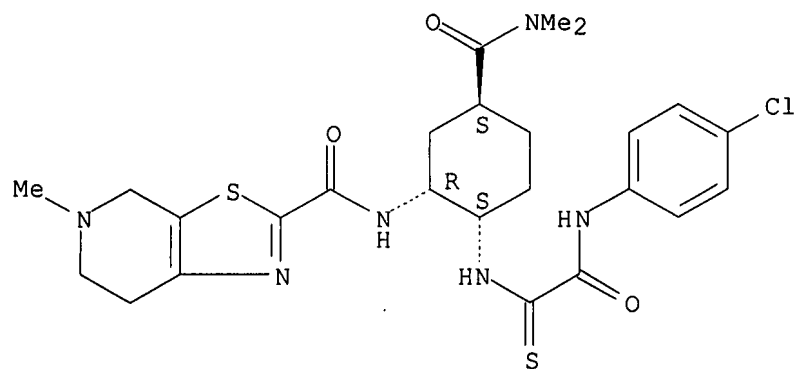
● HCl

RN 480449-02-3 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(4-chlorophenyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

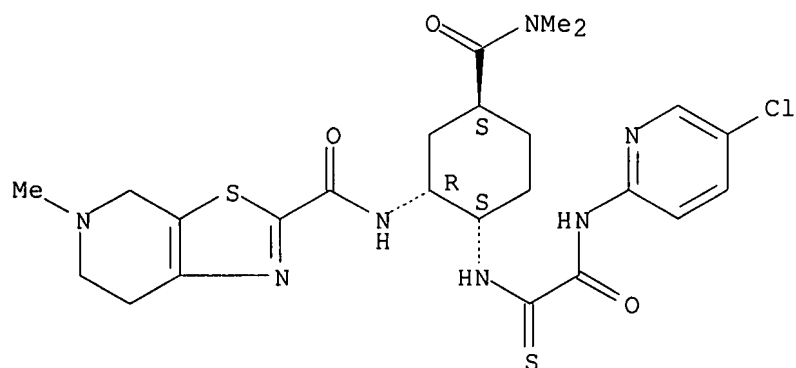
Updated Search

10773344



RN 480449-04-5 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

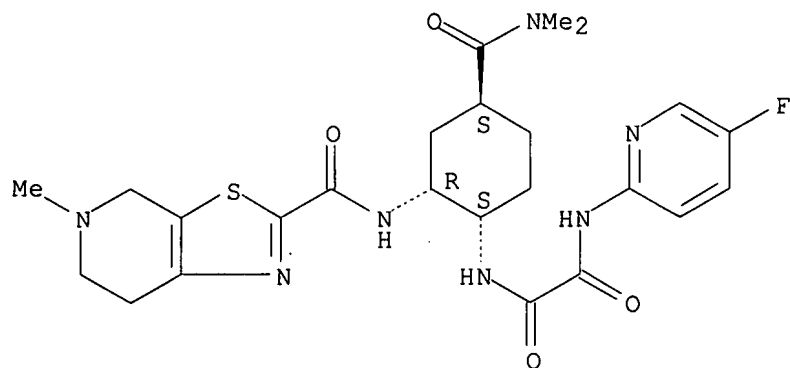


RN 480449-09-0 HCAPLUS  
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

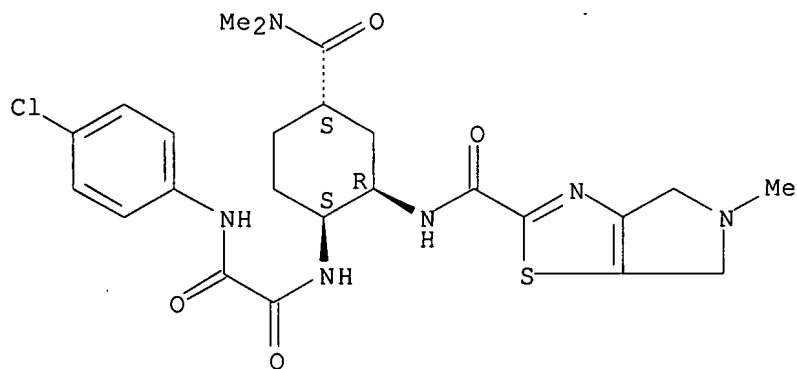
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● HCl

RN 480449-10-3 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl) carbonyl] amino]-4-[(dimethylamino) carbonyl] cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

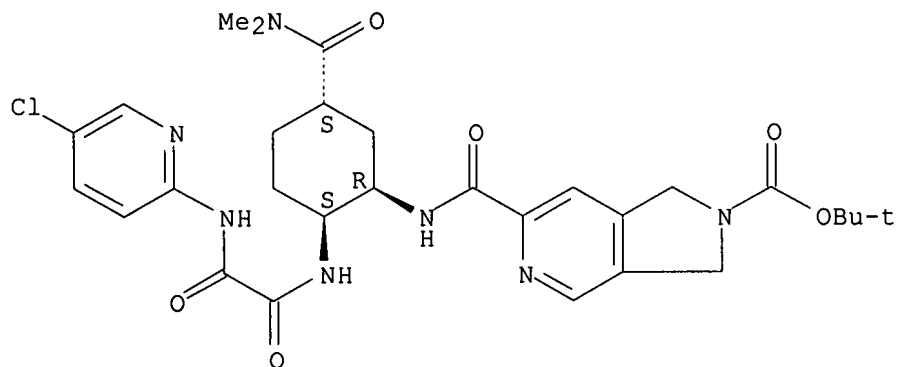
RN 480449-12-5 HCAPLUS  
CN Ethanediame, N-[4-chloro-2-(trifluoromethyl)phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino) carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl) carbonyl] amino] cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

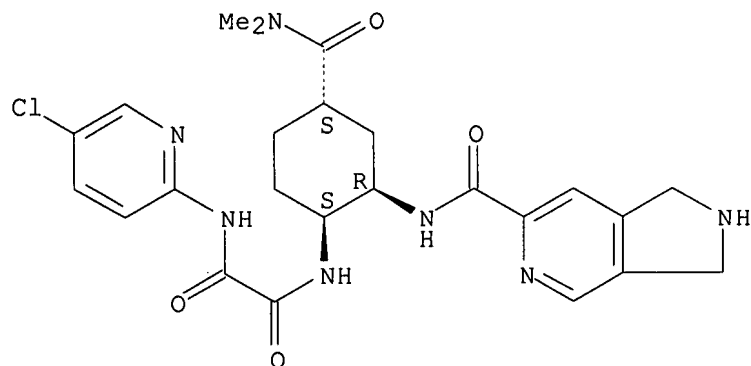
2



RN 720721-48-2 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (2,3-dihydro-1H-pyrrolo[3,4-c]pyridin-6-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



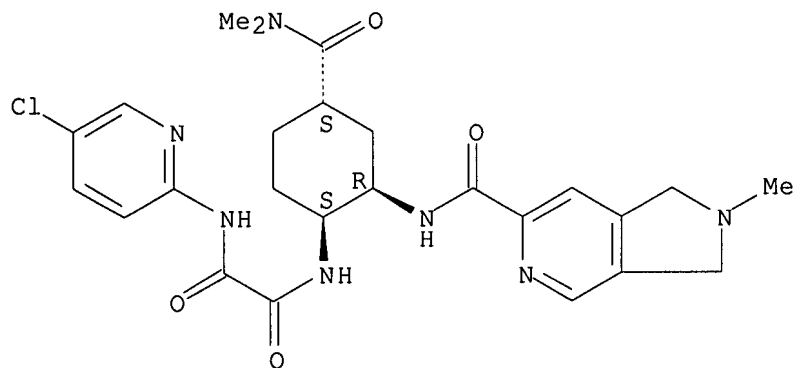
● HCl

RN 720721-49-3 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (2,3-dihydro-2-methyl-1H-pyrrolo[3,4-c]pyridin-6-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

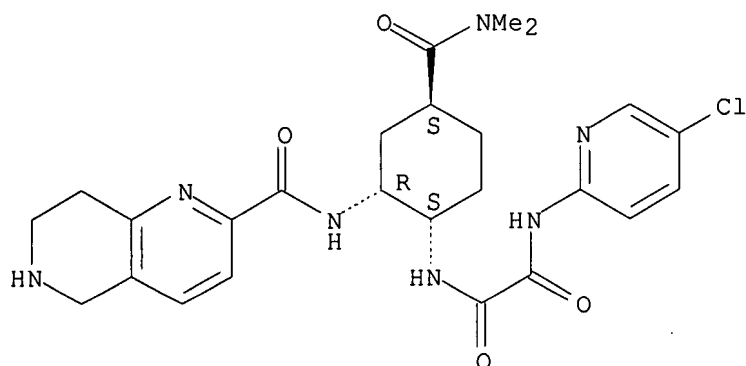
10773344



● HCl

RN 720721-50-6 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[5,6,7,8-tetrahydro-1,6-naphthyridin-2-  
yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



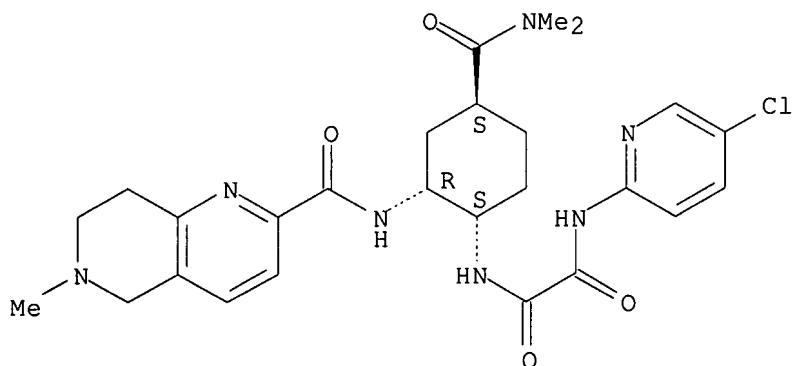
● HCl

RN 720721-51-7 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[5,6,7,8-tetrahydro-6-methyl-1,6-  
naphthyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

Updated Search

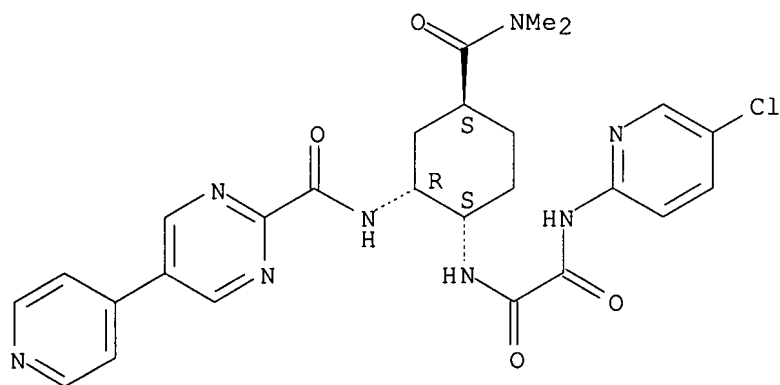
10773344



● HCl

RN 720721-52-8 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[5-(4-pyridinyl)-2-  
pyrimidinyl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

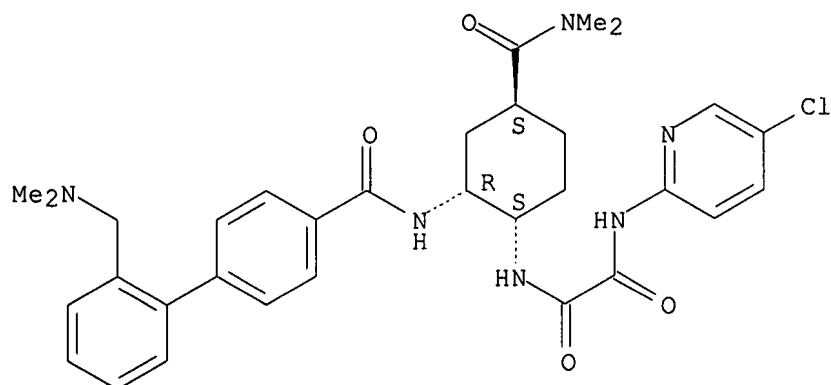
RN 720721-53-9 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[2'-[(dimethylamino)methyl][1,1'-biphenyl]-4-  
yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



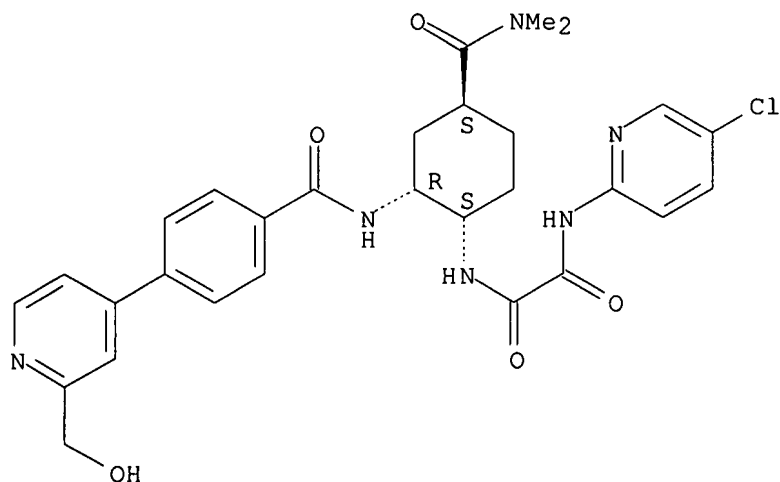
10773344



● HCl

RN 720721-54-0 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4-[2-(hydroxymethyl)-4-  
pyridinyl]benzoyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX  
NAME)

Absolute stereochemistry.



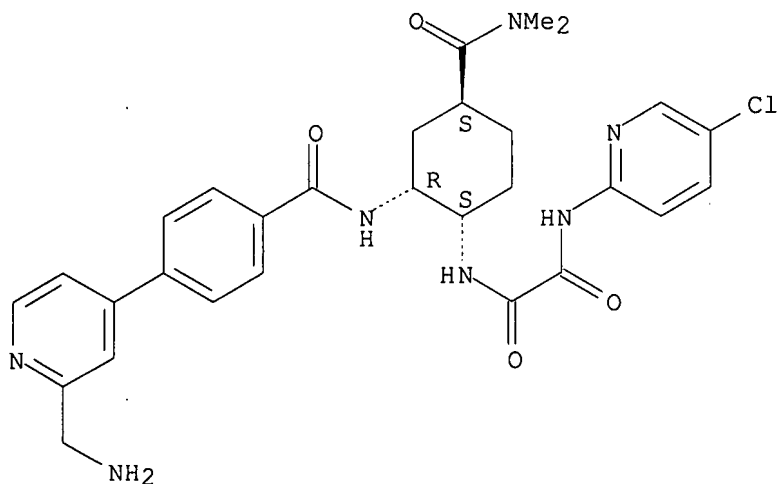
● HCl

RN 720721-55-1 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-2-[[4-[2-(aminomethyl)-4-  
pyridinyl]benzoyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-(5-  
chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

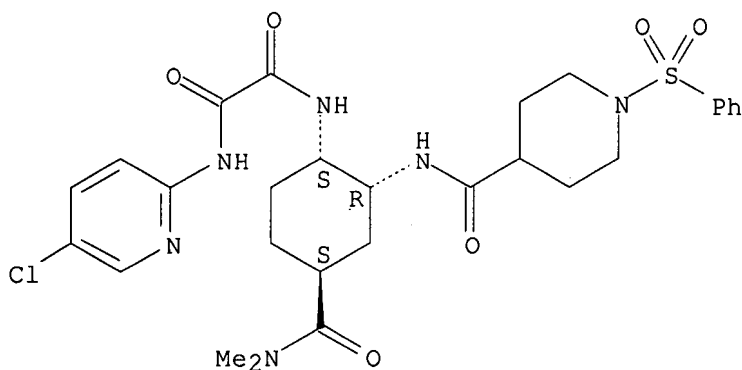
10773344



● HCl

RN 720721-56-2 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[1-(phenylsulfonyl)-4-  
piperidinyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

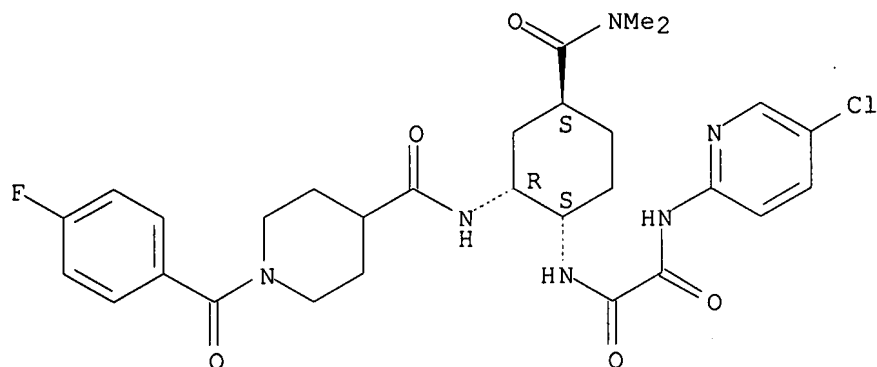


RN 720721-57-3 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[1-(4-fluorobenzoyl)-4-  
piperidinyl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

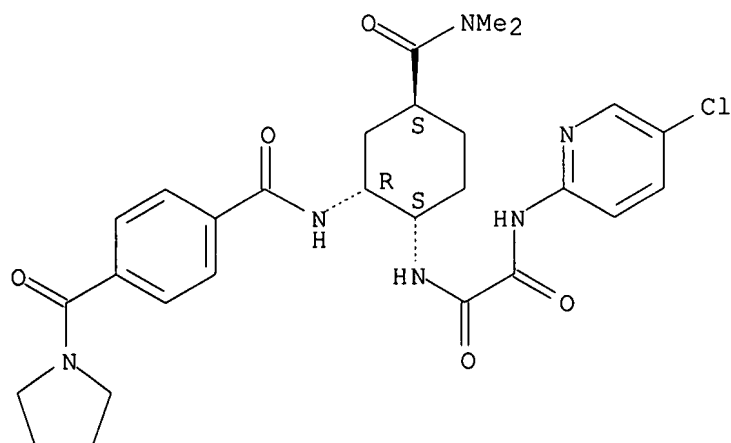
Updated Search

10773344



RN 720721-58-4 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4-(1-pyrrolidinylcarbonyl)benzoyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

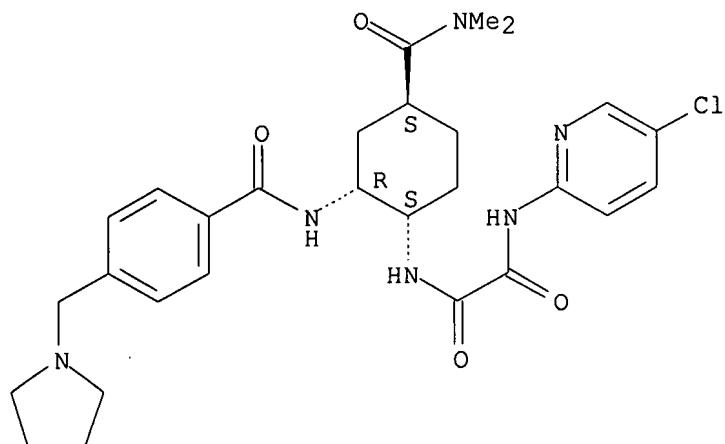


RN 720721-59-5 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4-(1-pyrrolidinylmethyl)benzoyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

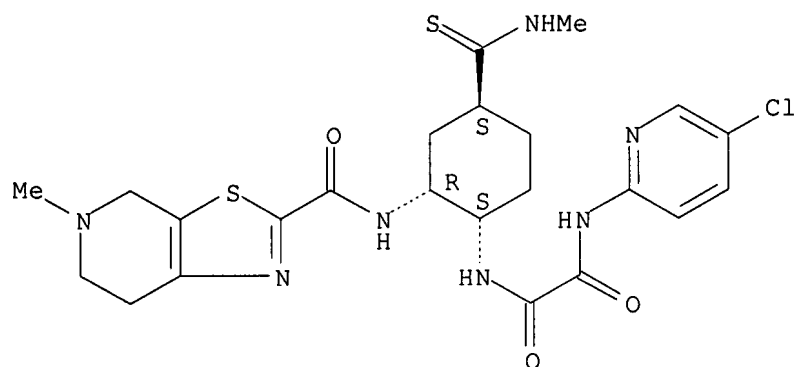
10773344



● HCl

RN 720721-60-8 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(methylamino)thioxomethyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



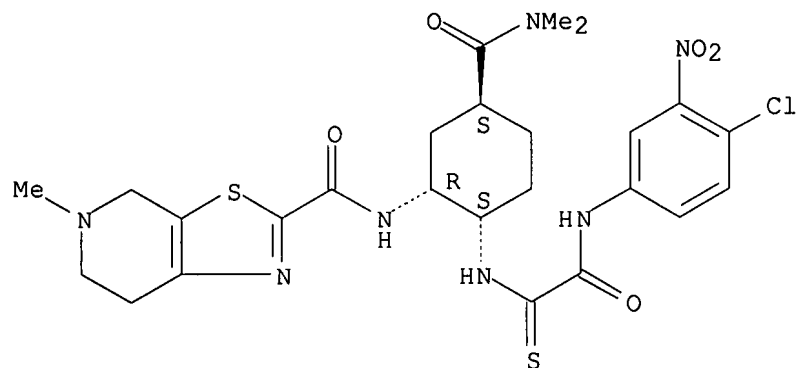
● HCl

RN 720721-64-2 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[[4-chloro-3-  
nitrophenyl]amino]-2-oxo-1-thioxoethyl]amino]-5-  
[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

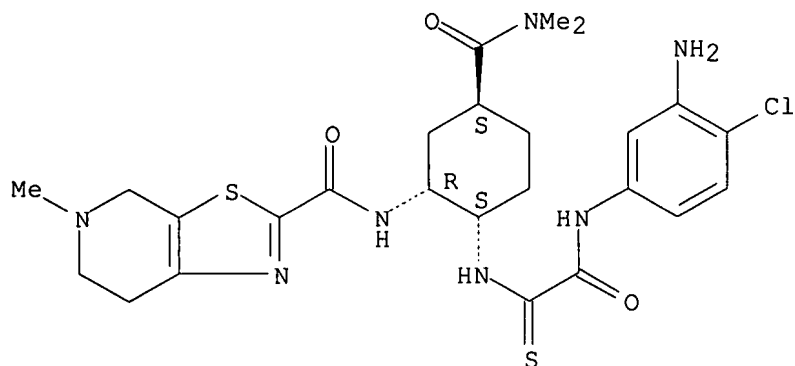
10773344



● HCl

RN 720721-65-3 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(3-amino-4-chlorophenyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



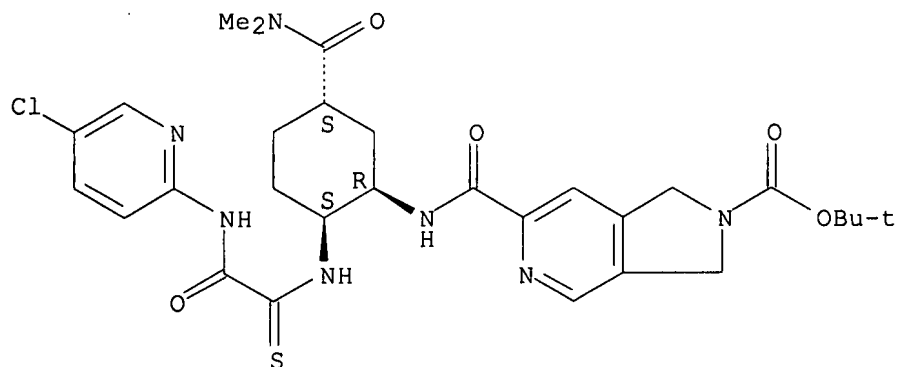
● HCl

RN 720721-66-4 HCAPLUS  
CN 2H-Pyrrolo[3,4-c]pyridine-2-carboxylic acid, 6-[[[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-1,3-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

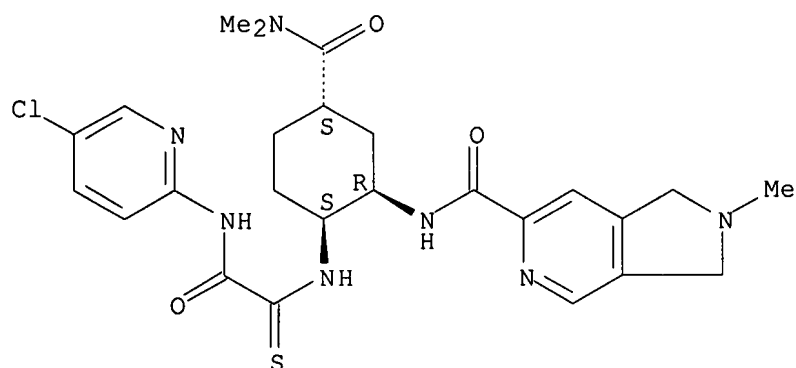
10773344



RN 720721-67-5 HCAPLUS

CN 1H-Pyrrolo[3,4-c]pyridine-6-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-2,3-dihydro-2-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

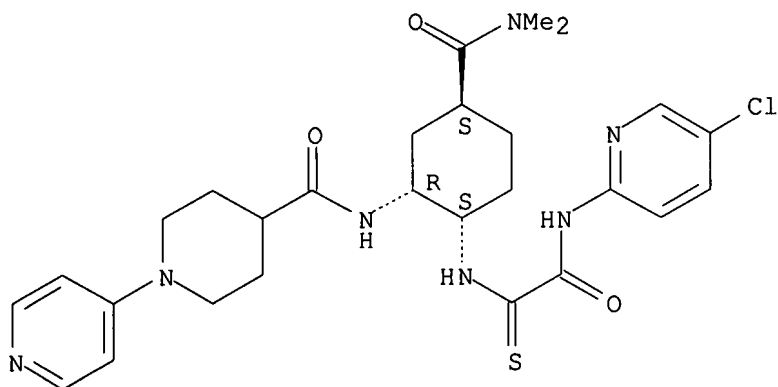
RN 720721-68-6 HCAPLUS

CN 4-Piperidinecarboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-1-(4-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

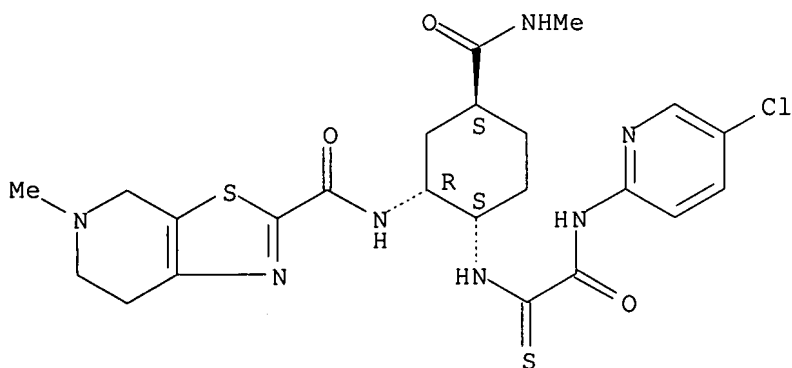
10773344



● HCl

RN 720721-73-3 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(methylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



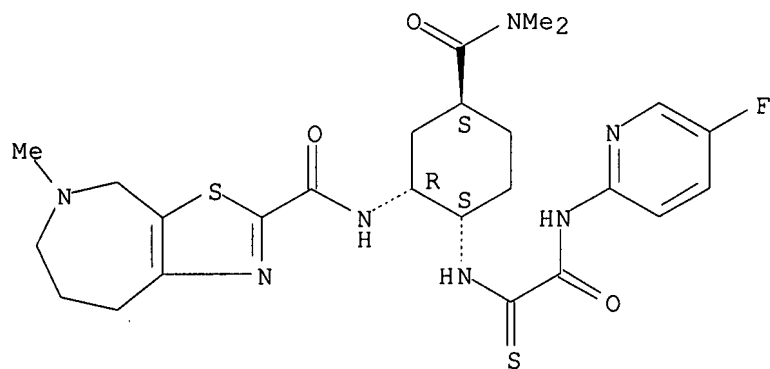
● HCl

RN 720721-74-4 HCAPLUS  
CN 4H-Thiazolo[5,4-c]azepine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-5,6,7,8-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

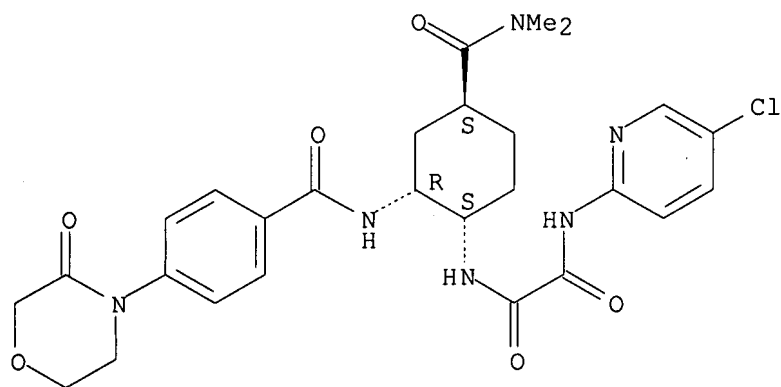
10773344



● HCl

RN 720721-83-5 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4-(3-oxo-4-morpholinyl)benzoyl]amino]cyclohe  
xyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



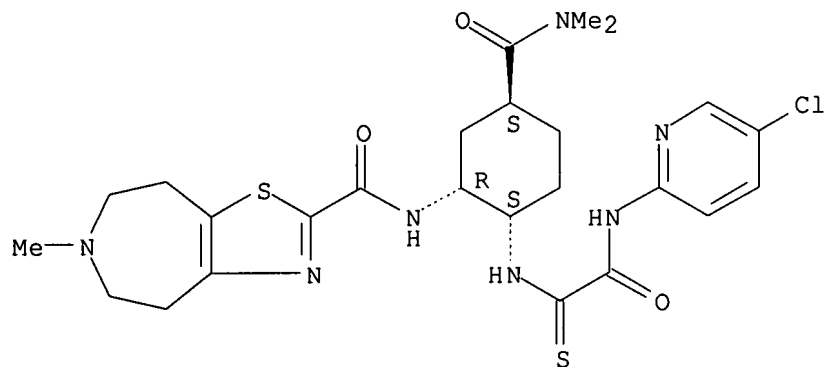
RN 720721-85-7 HCAPLUS  
CN 4H-Thiazolo[4,5-d]azepine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-  
pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-  
[(dimethylamino)carbonyl]cyclohexyl]-5,6,7,8-tetrahydro-6-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344

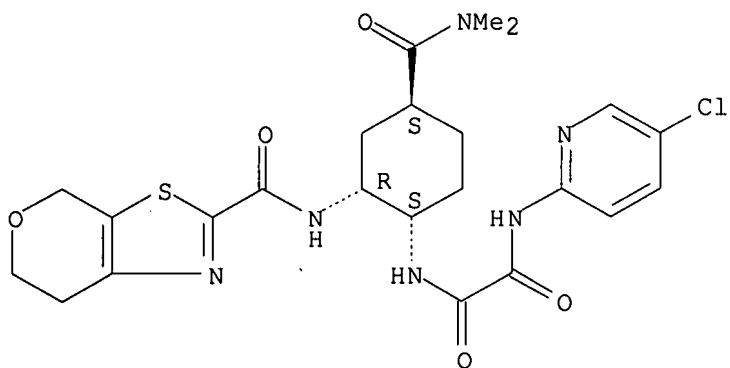


● HCl

RN 720721-86-8 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



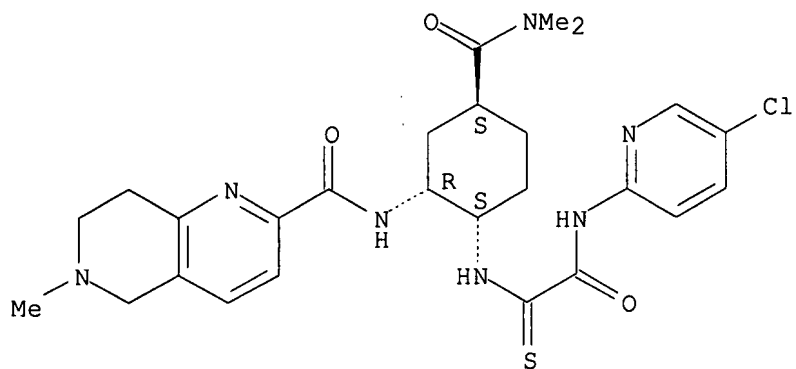
RN 720721-87-9 HCAPLUS

CN 1,6-Naphthyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6,7,8-tetrahydro-6-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

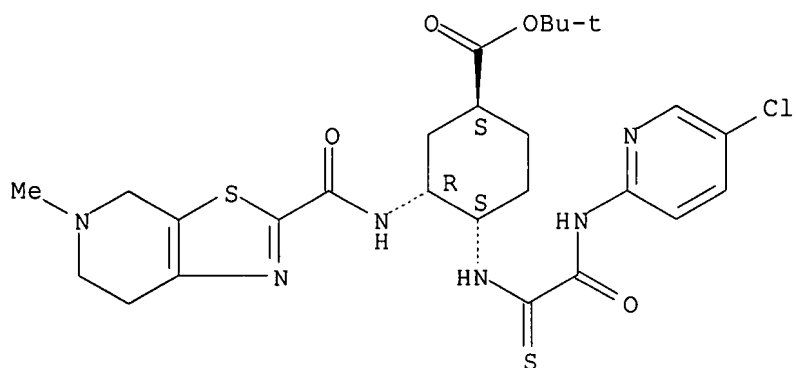
10773344



RN 720721-88-0 HCAPLUS

CN Cyclohexanecarboxylic acid, 4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 1,1-dimethylethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



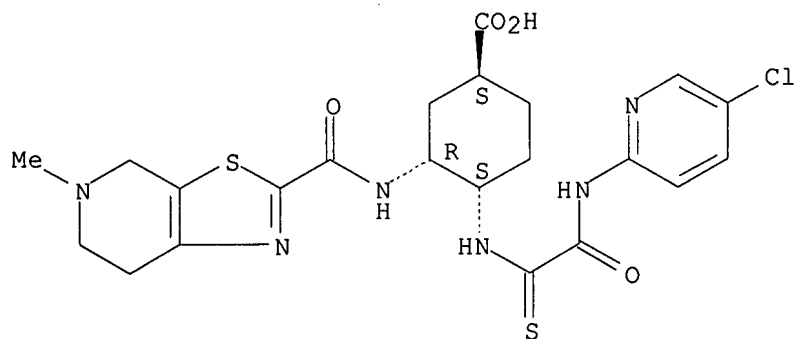
RN 720721-89-1 HCAPLUS

CN Cyclohexanecarboxylic acid, 4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, monohydrochloride, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

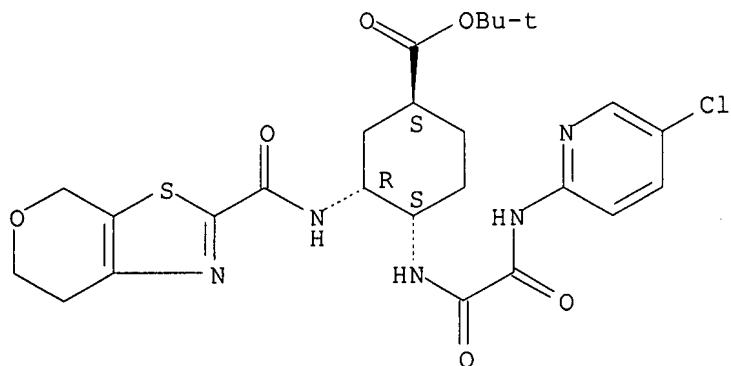


● HCl

RN 720721-90-4 HCAPLUS

CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl)carbonyl]amino]-, 1,1-dimethylethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

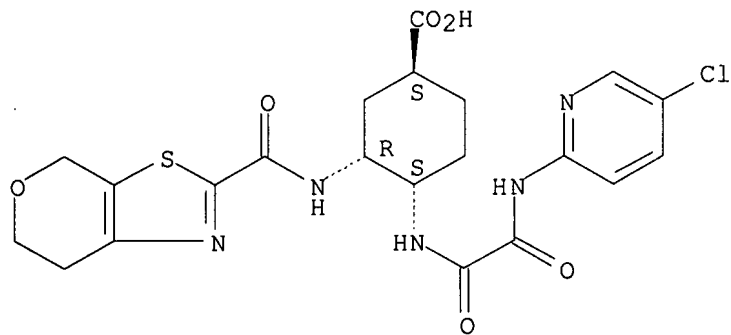
Absolute stereochemistry.



RN 720721-91-5 HCAPLUS

CN Cyclohexanecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl)carbonyl]amino]-, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



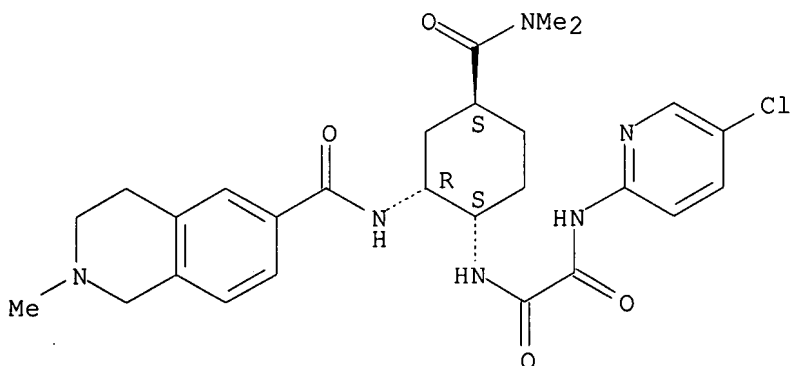
Updated Search

10773344

RN 720721-92-6 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[1,2,3,4-tetrahydro-2-methyl-6-  
isoquinolinyl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



RN 720722-01-0 HCAPLUS

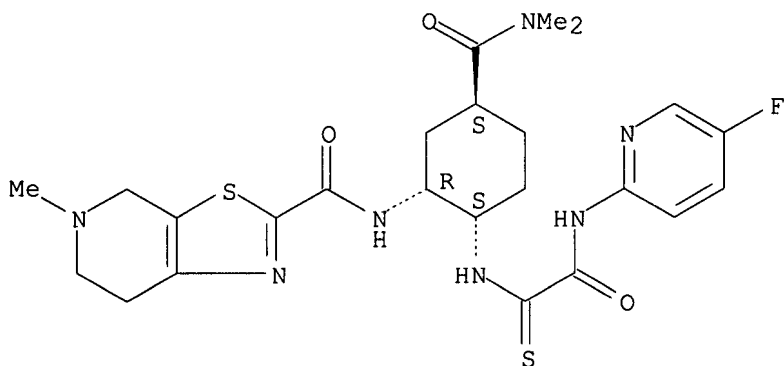
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-  
[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-  
thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-,  
2-hydroxy-1,2,3-propanetricarboxylate (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 687634-02-2

CMF C24 H30 F N7 O3 S2

Absolute stereochemistry.



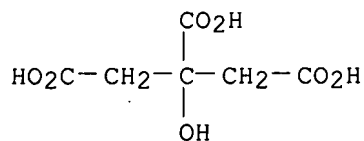
CM 2

CRN 77-92-9

Updated Search

10773344

CMF C6 H8 O7



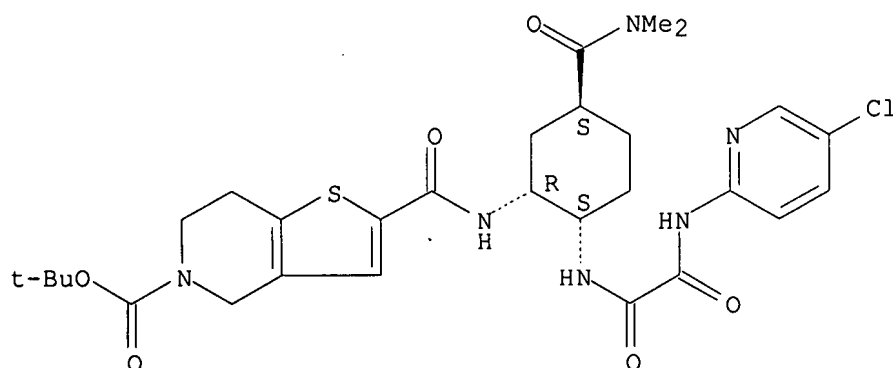
IT 480452-38-8P 480452-49-1P 500571-55-1P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)

(preparation of heterocyclyl moiety-containing diamines as factor Xa  
inhibitors)

RN 480452-38-8 HCAPLUS

CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

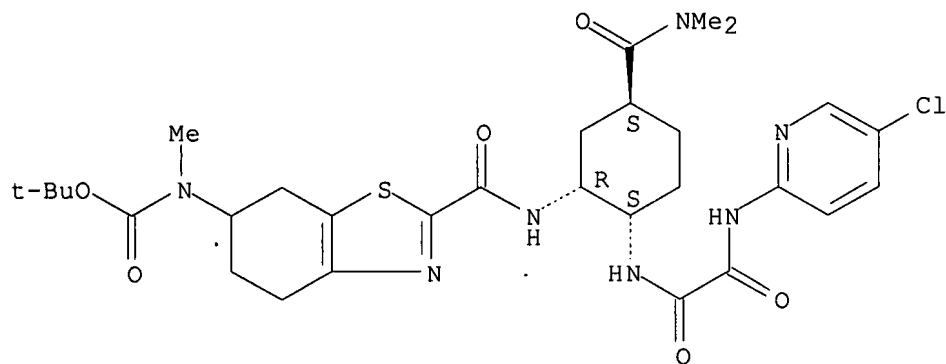
Absolute stereochemistry.



RN 480452-49-1 HCAPLUS

CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



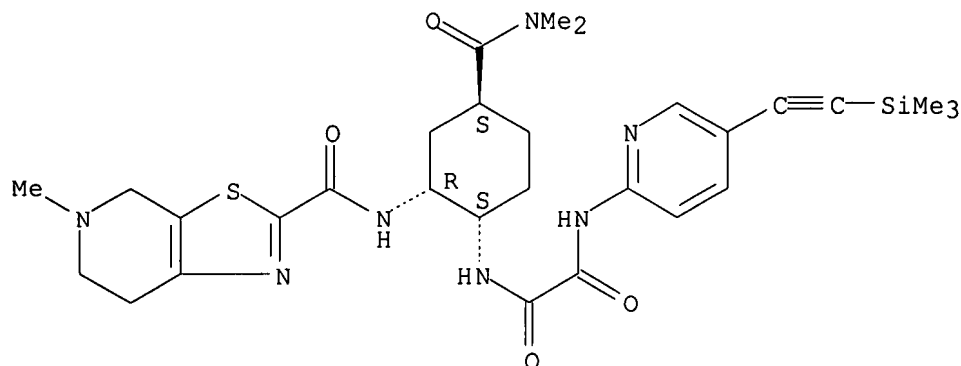
Updated Search

10773344

RN 500571-55-1 HCAPLUS

CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[5-[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:154422 HCAPLUS

DOCUMENT NUMBER: 138:205076

TITLE: Preparation of diamines as factor Xa inhibitors

INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 847 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 4

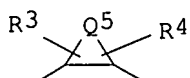
PATENT INFORMATION:

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WO 2003016302	A1	20030227	WO 2002-JP8119	20020808
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
WO 2003000657	A1	20030103	WO 2002-JP2683	20020320
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Updated Search

10773344

UA, UG, US, UZ, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,  
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 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  
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 GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
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 EP 1415992 A1 20040506 EP 2002-762760 20020808  
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 WO 2002-JP2683 A 20020320  
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 JP 2001-187105 A 20010620  
 WO 2002-JP6441 A 20020620  
 WO 2002-JP8119 W 20020808  
 OTHER SOURCE(S): MARPAT 138:205076  
 GI



I

AB The title compds. Q1-Q2-T0-N(R1)-Q3-N(R2)-T1-Q4 [R1 and R2 represent each hydrogen, etc.; Q1 represents optionally substituted, saturated or unsatd. 5- or 6-membered hydrocarbyl, etc.; Q2 represents a single bond, etc.; Q3 represents I wherein Q5 represents C1-8 alkylene, etc.; R3, R4 represent each hydrogen, alkyl, etc.; Q4 represents (un)substituted aryl, etc.; and T0 and T1 represent each carbonyl, etc.] are prepared I are useful as antithrombotics, etc. Several compds. of this invention showed IC50 values of 1.2 nM to 3.5 nM against factor Xa.

IT 480448-28-0P 480448-29-1P 480448-30-4P  
 480448-31-5P 480448-32-6P 480448-33-7P  
 480448-34-8P 480448-35-9P 480448-36-0P  
 480448-37-1P 480448-39-3P 480448-41-7P  
 480448-42-8P 480448-45-1P 480449-02-3P

Updated Search

10773344

480449-04-5P 480449-09-0P 480449-13-6P  
480449-14-7P 480449-15-8P 480449-17-0P  
480449-18-1P 480449-19-2P 480449-22-7P  
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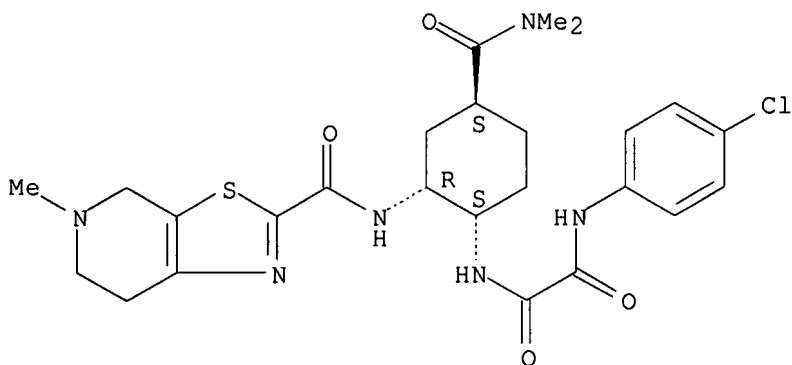
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of diamines as factor Xa inhibitors)

RN 480448-28-0 HCAPLUS

CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480448-29-1 HCAPLUS

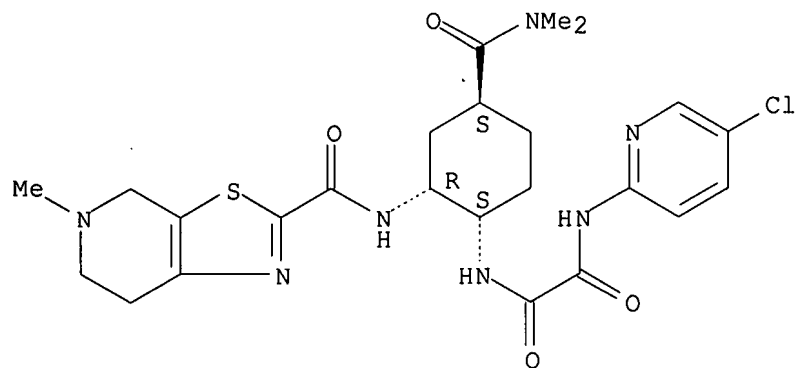
CN Ethanediamide, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX  
NAME)

Absolute stereochemistry.

Updated Search



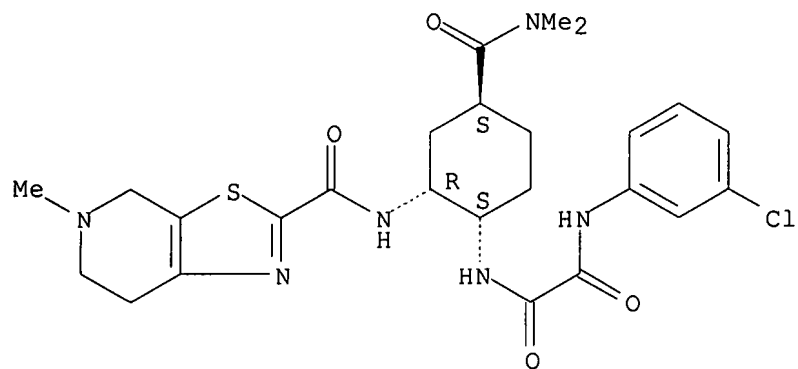
10773344



● HCl

RN 480448-30-4 HCAPLUS  
CN Ethanediame, N-(3-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



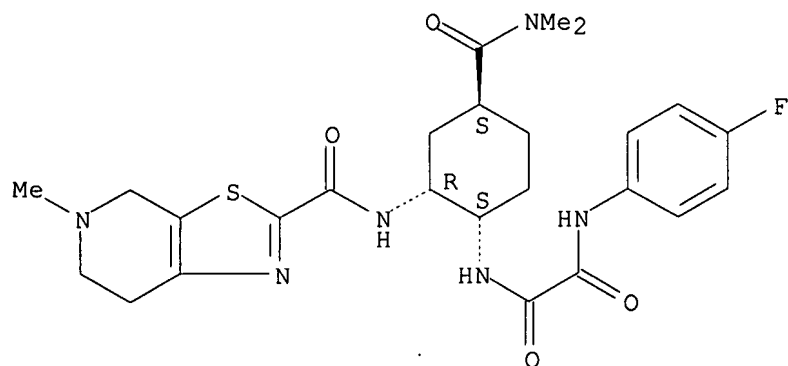
● HCl

RN 480448-31-5 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-  
tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-  
N'-(4-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

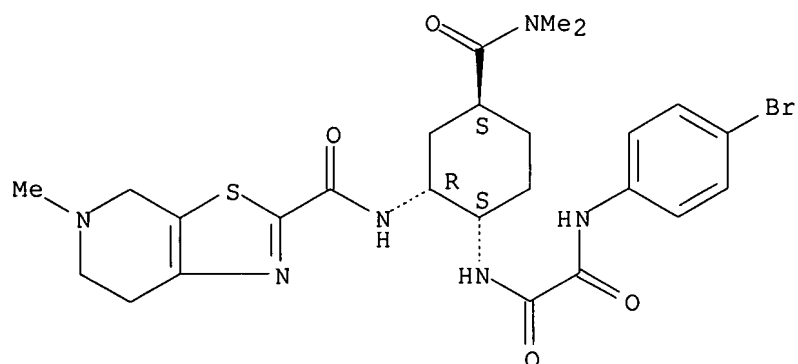
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● HCl

RN	480448-32-6	HCAPLUS
CN	Ethanediame, N-(4-bromophenyl)-N'-[(1S,2R,4S)-4- [(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4- c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)	

Absolute stereochemistry.



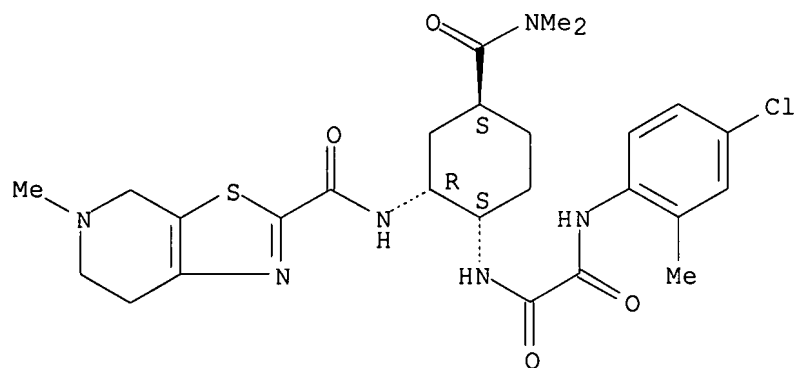
● HCl

RN	480448-33-7	HCAPLUS
CN	Ethanediame, N-(4-chloro-2-methylphenyl)-N'-[(1S,2R,4S)-4- [(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4- c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)	

Absolute stereochemistry.

Updated Search

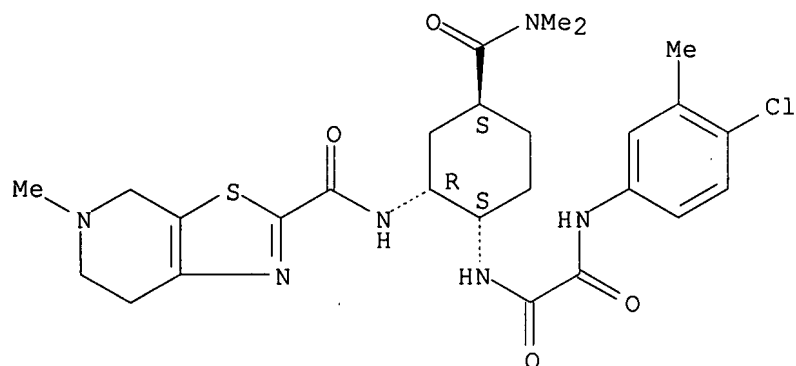
10773344



● HCl

RN 480448-34-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-methylphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



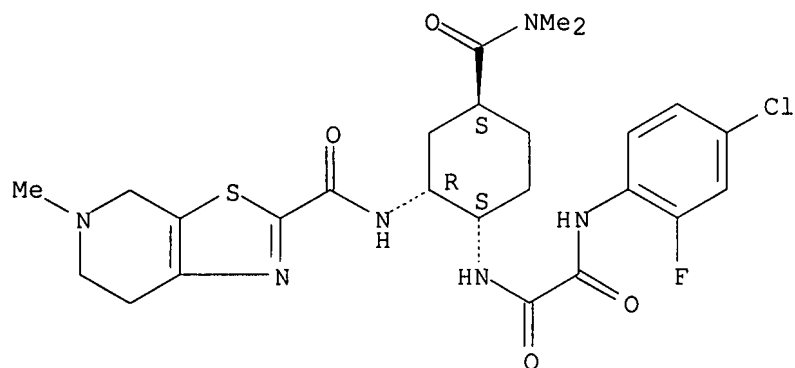
● HCl

RN 480448-35-9 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

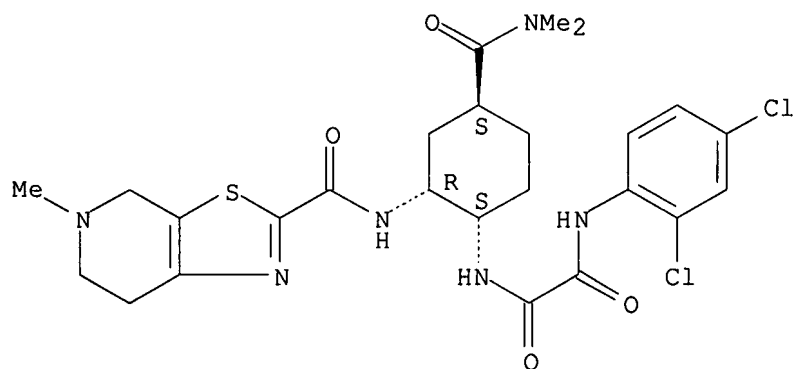
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● HCl

RN 480448-36-0 HCAPLUS  
CN Ethanediame, N-(2,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



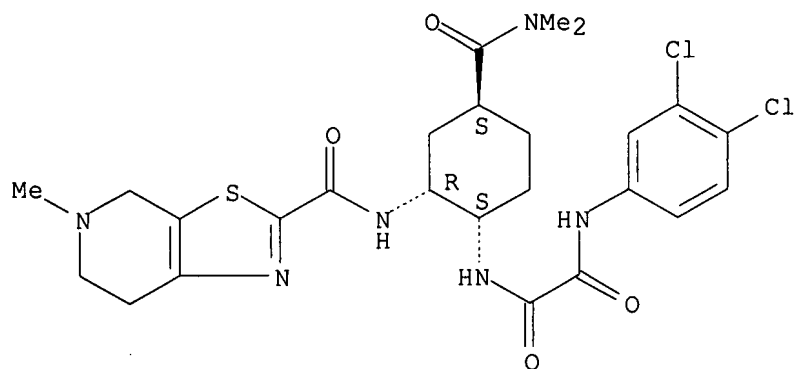
● HCl

RN 480448-37-1 HCAPLUS  
CN Ethanediame, N-(3,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

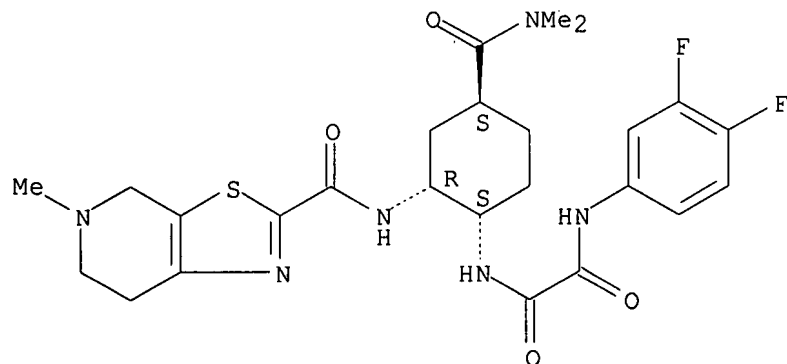
Updated Search

10773344



RN 480448-39-3 HCAPLUS  
CN Ethanediamide, N-(3,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

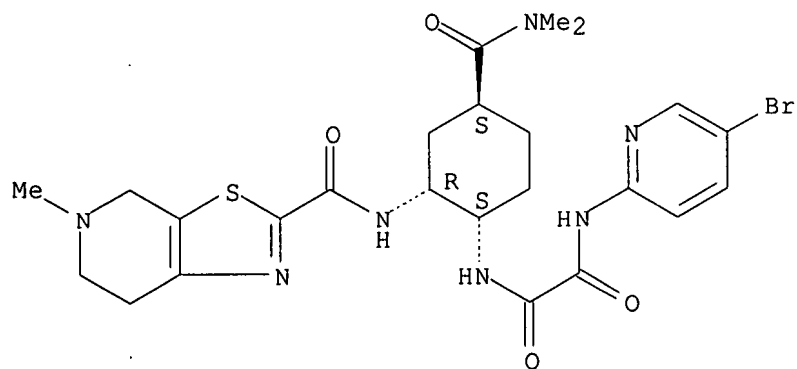


RN 480448-41-7 HCAPLUS  
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

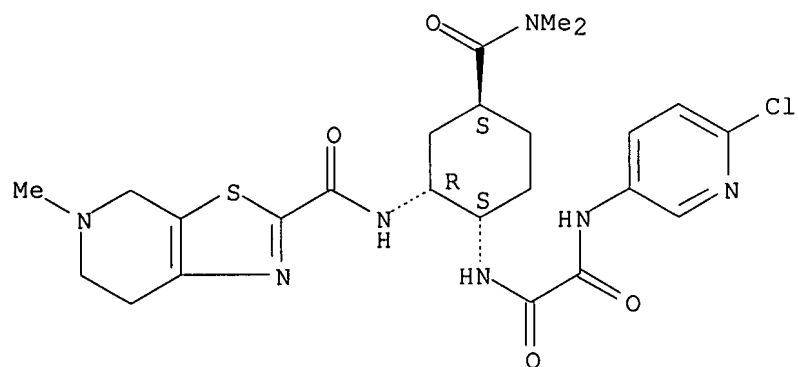
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● HCl

RN 480448-42-8 HCAPLUS  
CN Ethanediame, N-(6-chloro-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480448-45-1 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[[5,6-dihydro-5-  
methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-  
[(dimethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX  
NAME)

Absolute stereochemistry.

Updated Search

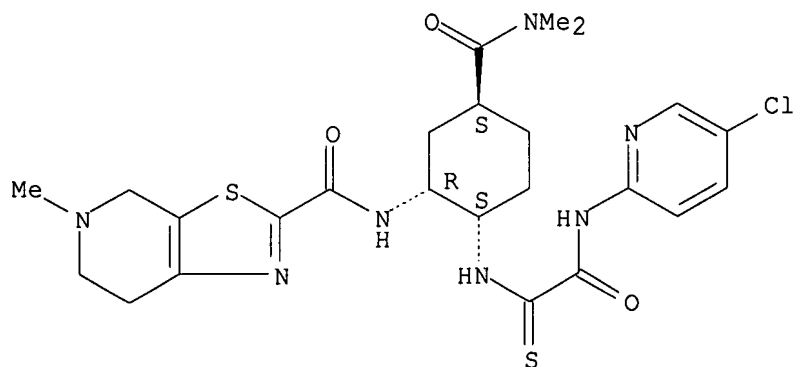
CN(C)C(=O)N[C@@H]1CC[C@H](NC(=O)C2=CN3C(=N2)C(=S3)CN(C)C3)[C@H](NC(=O)C4=CC=C(NC5=CC=CC=C5Cl)N=C5)C1

RN	480449-02-3	HCAPLUS
CN	Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(4-chlorophenyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)	
	(CA INDEX NAME)	

RN	480449-04-5	HCAPLUS
CN	Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl- (9CI)	
	(CA INDEX NAME)	

Updated Search

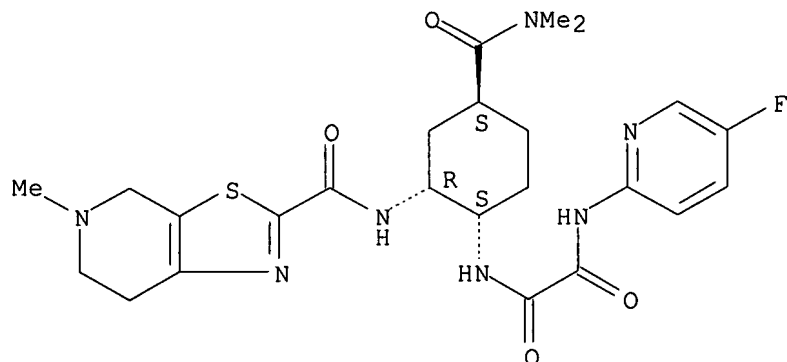
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RN 480449-09-0 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-fluoro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 480449-13-6 HCAPLUS

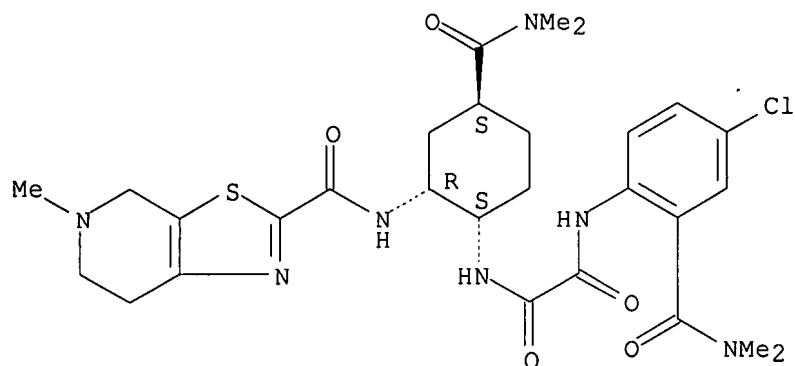
CN Ethanediame, N-[4-chloro-2-[(dimethylamino)carbonyl]phenyl]-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



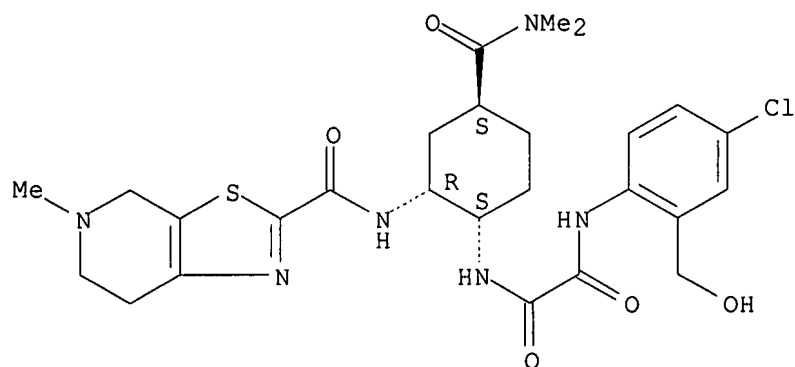
10773344



● HCl

RN 480449-14-7 HCAPLUS  
CN Ethanediame, N-[4-chloro-2-(hydroxymethyl)phenyl]-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



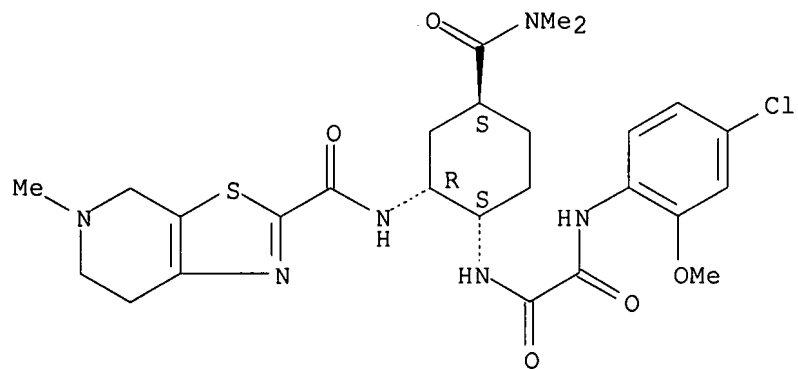
● HCl

RN 480449-15-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-methoxyphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

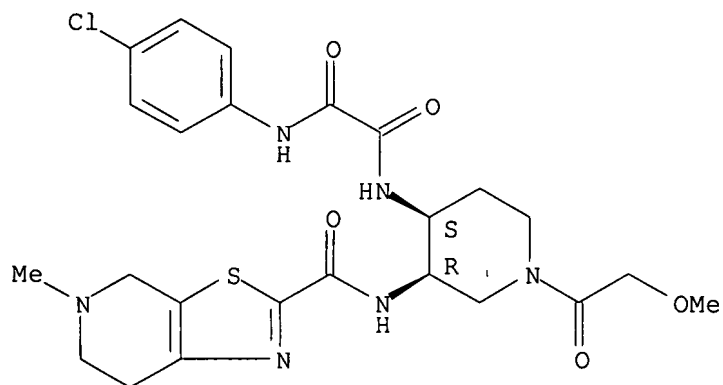


● HCl

RN 480449-17-0 HCAPLUS

CN Ethanediame, N-(4-chlorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-  
4-piperidinyloxyacetamide monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

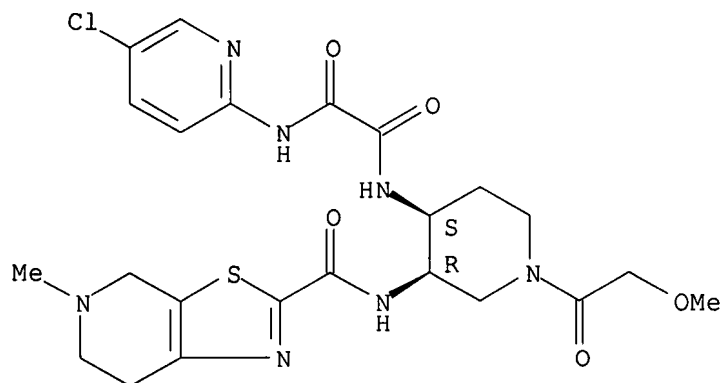
RN 480449-18-1 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-  
4-piperidinyloxyacetamide monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

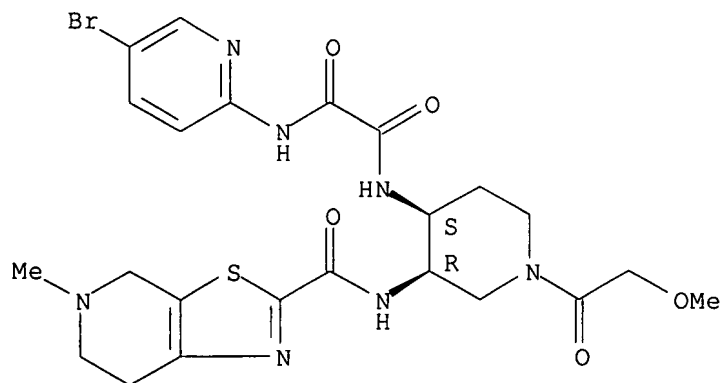


● HCl

RN 480449-19-2 HCAPLUS

CN Ethanediame, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

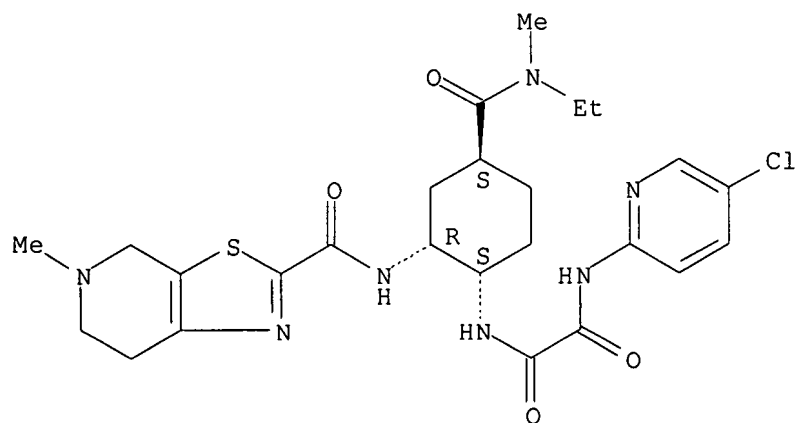
RN 480449-22-7 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(ethylmethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

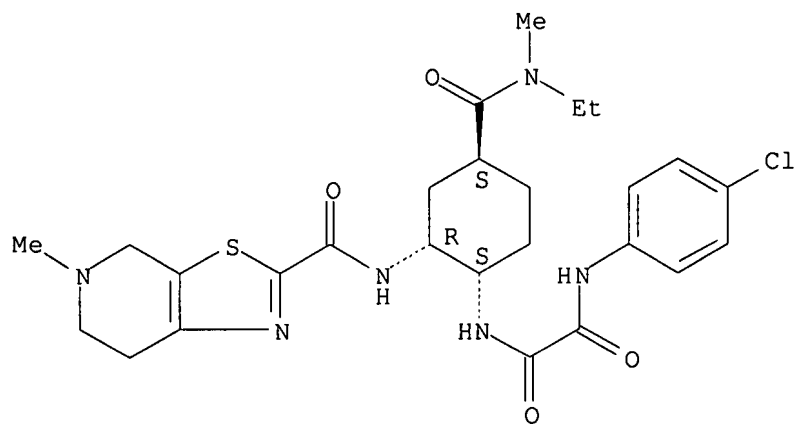
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● HCl

RN 480449-23-8 HCAPLUS  
CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



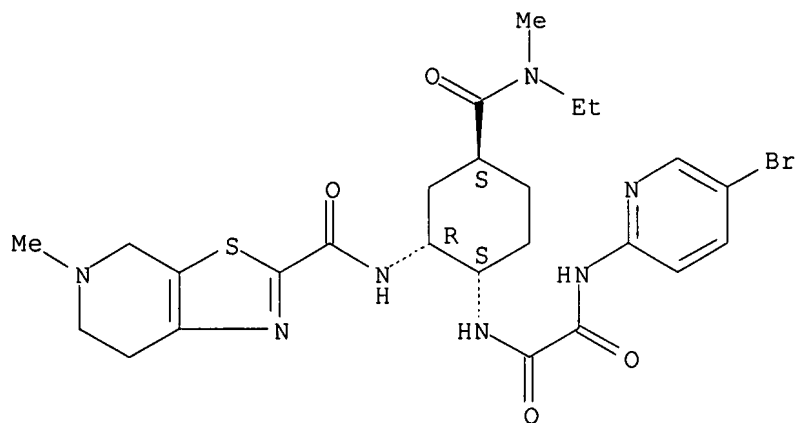
● HCl

RN 480449-24-9 HCAPLUS  
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(ethylmethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

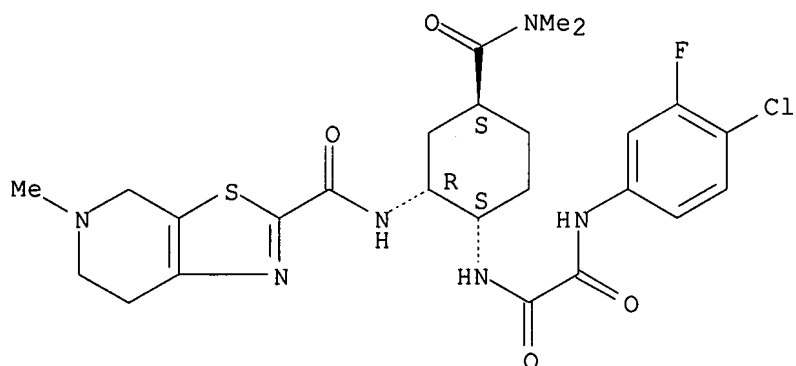
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● HCl

RN 480449-25-0 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-fluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



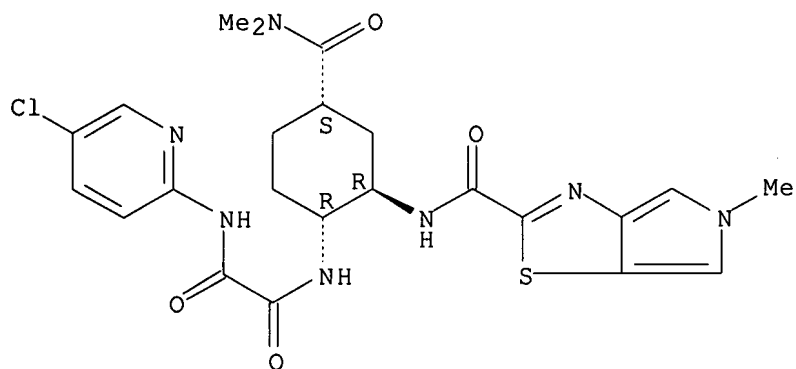
● HCl

RN 480449-27-2 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[5-methyl-5H-pyrrolo[3,4-d]thiazol-2-  
yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

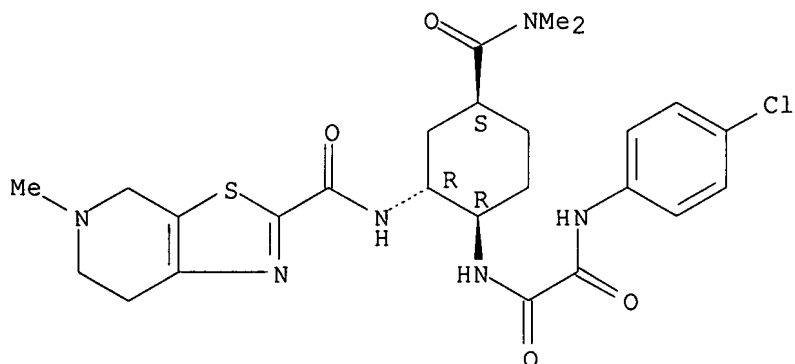
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RN 480449-29-4 HCAPLUS

CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



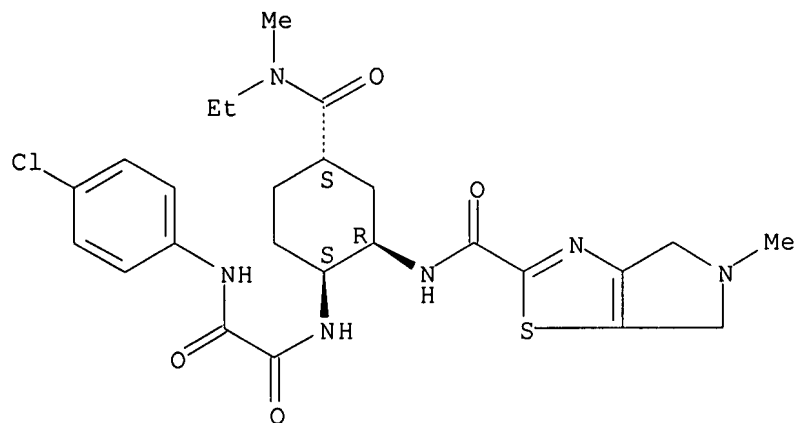
RN 480449-36-3 HCAPLUS

CN Ethanediamide, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

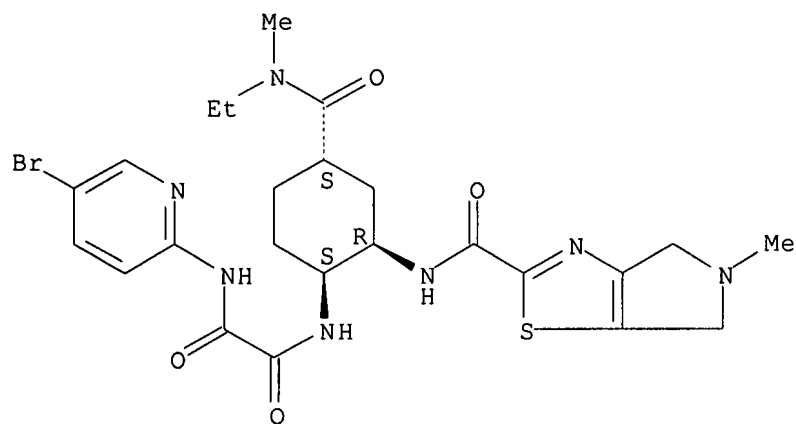
10773344



● HCl

RN 480449-37-4 HCAPLUS  
CN Ethanediamide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl) carbonyl]amino]-4-[(ethylmethylamino) carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



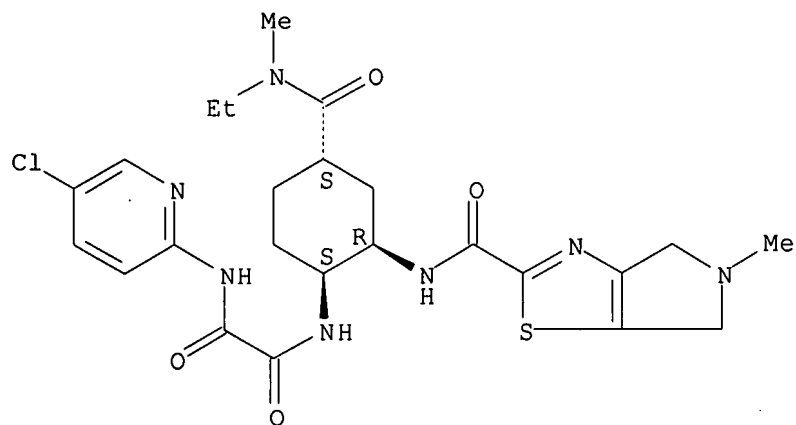
● HCl

RN 480449-38-5 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl) carbonyl]amino]-4-[(ethylmethylamino) carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

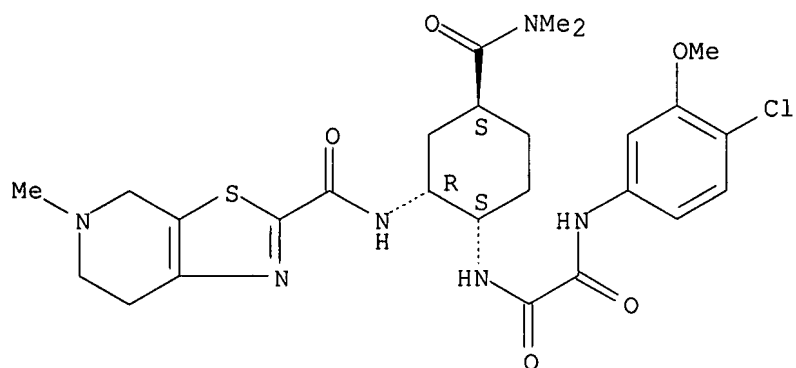
10773344



● HCl

RN 480449-39-6 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-methoxyphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

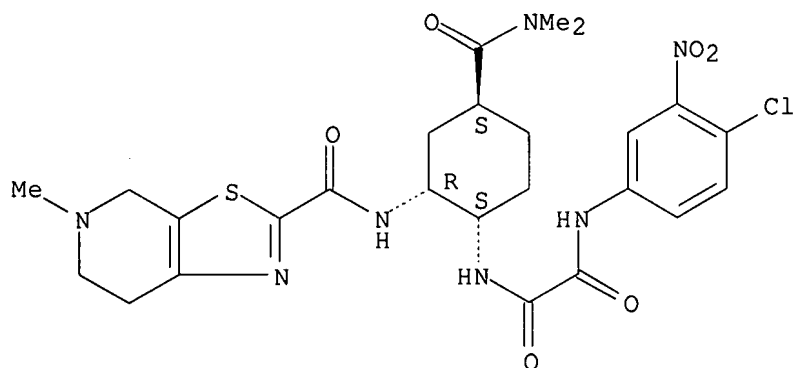
RN 480449-44-3 HCAPLUS  
CN Ethanediame, N-(4-chloro-3-nitrophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search



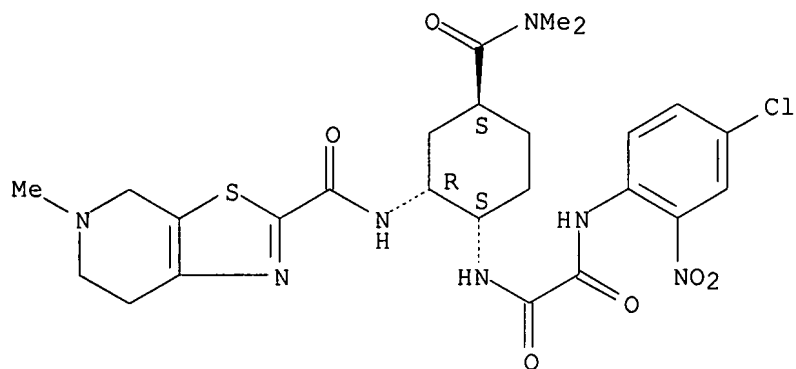
10773344



● HCl

RN 480449-45-4 HCAPLUS  
CN Ethanedi-1-yl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



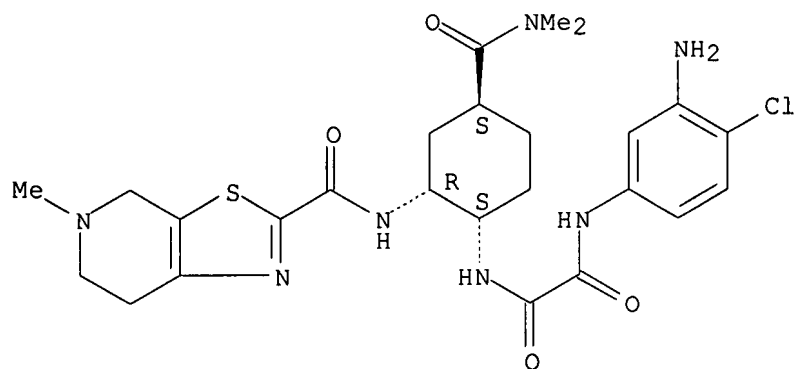
● HCl

RN 480449-46-5 HCAPLUS  
CN Ethanedi-1-yl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

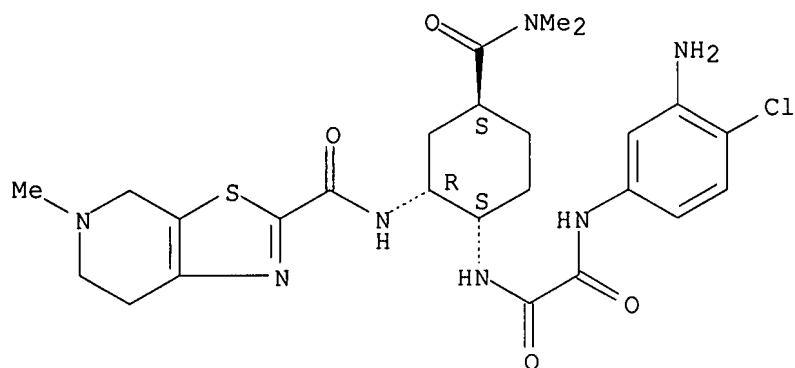
10773344



RN 480449-47-6 HCAPLUS

CN Ethanediame, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

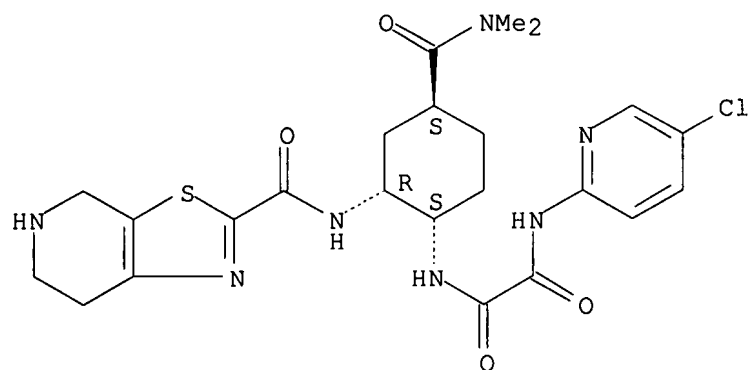
RN 480449-52-3 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

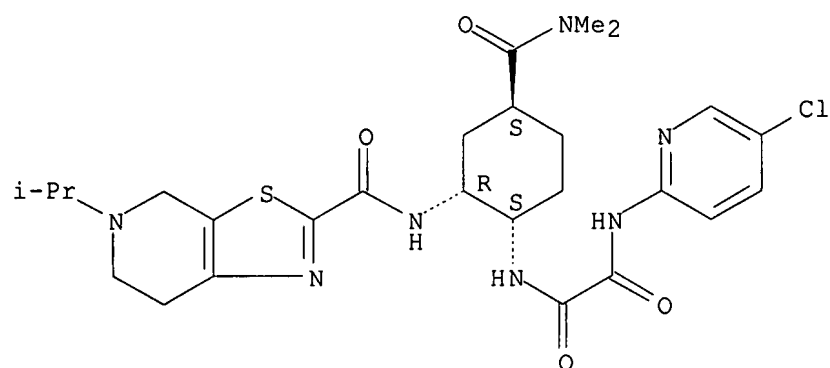
10773344



● HCl

RN 480449-63-6 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-  
methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



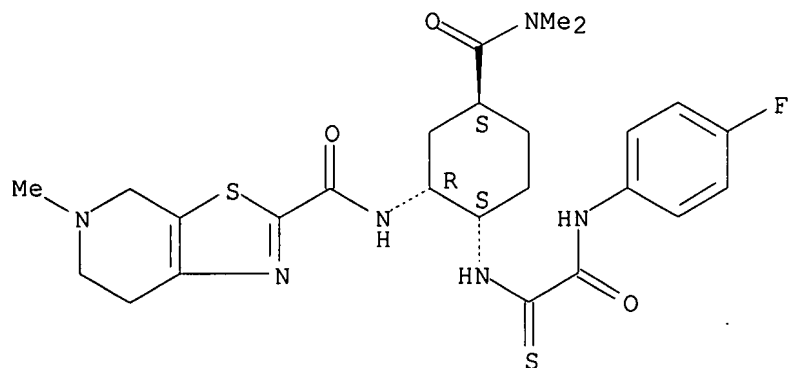
● HCl

RN 480449-64-7 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-  
[(dimethylamino)carbonyl]-2-[[2-[(4-fluorophenyl)amino]-2-oxo-1-  
thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-,  
monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

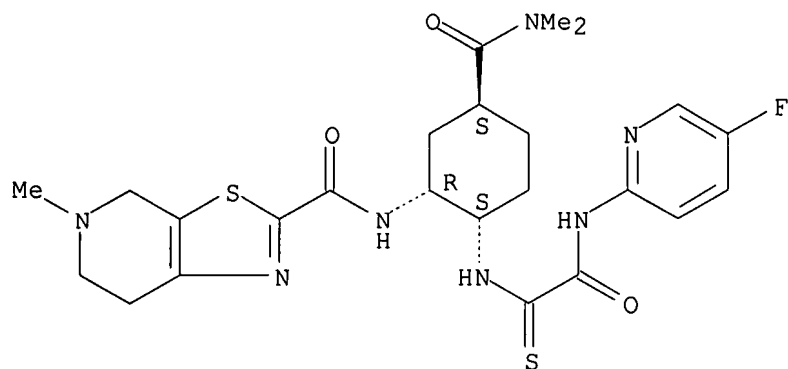
10773344



● HCl

RN 480449-65-8 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



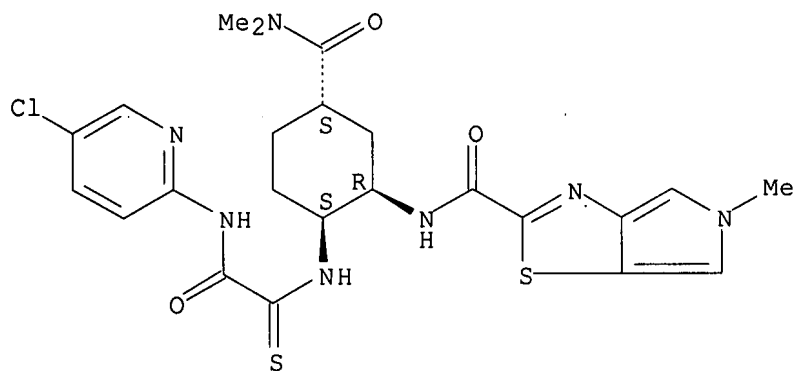
● HCl

RN 480449-66-9 HCAPLUS  
CN 5H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

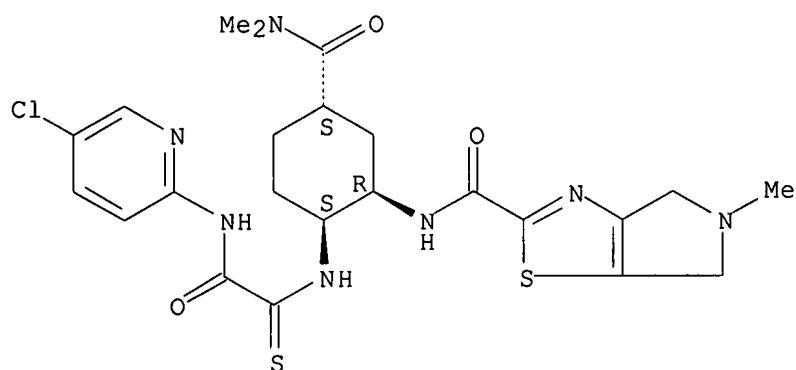
10773344



RN 480449-67-0 HCAPLUS

CN 4H-Pyrrolo[3,4-d]thiazole-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-5,6-dihydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

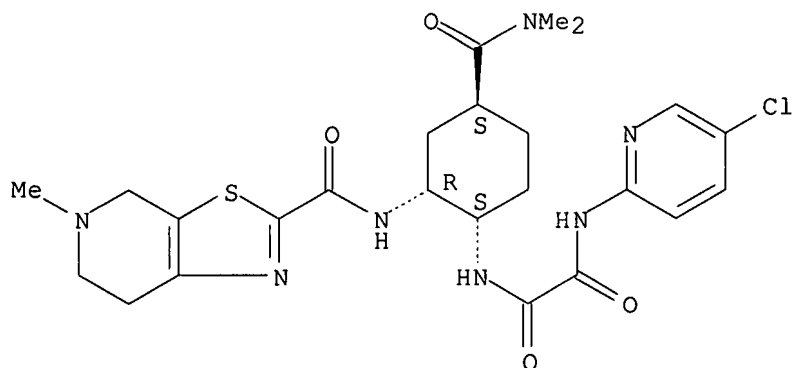
RN 480449-70-5 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

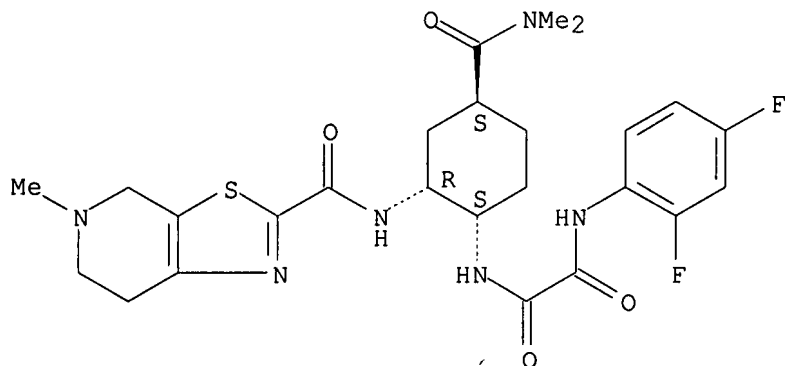
10773344



RN 482376-46-5 HCAPLUS

CN Ethanediame, N-(2,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



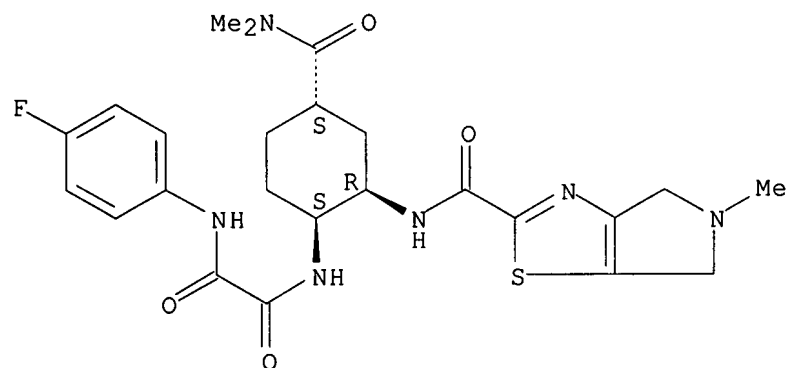
RN 500572-03-2 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-2-[[[5,6-dihydro-5-methyl-4H-pyrrolo[3,4-  
d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-  
(4-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

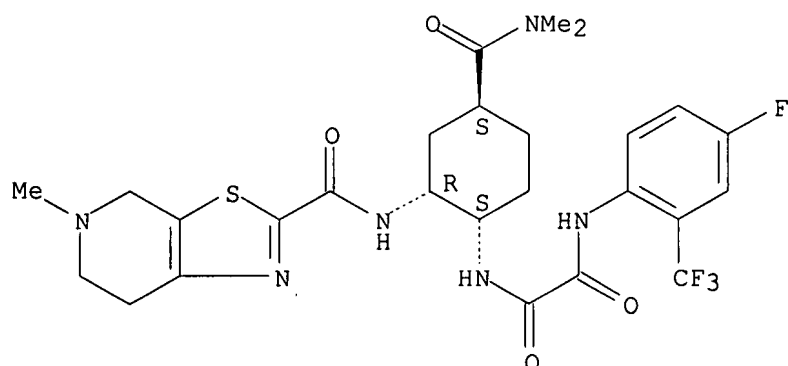


● HCl

RN 500572-04-3 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[4-fluoro-2-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



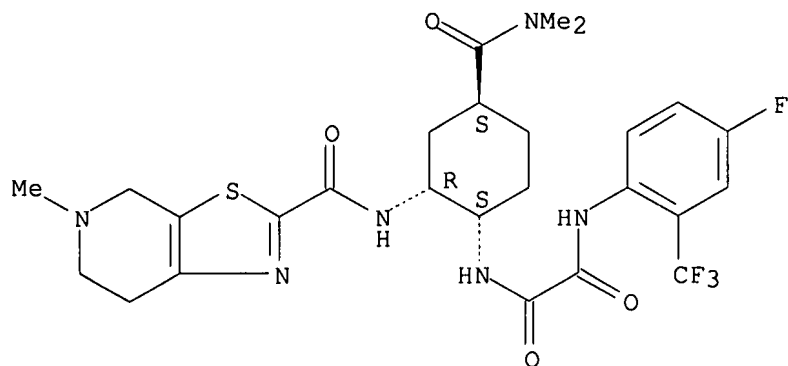
RN 500572-05-4 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-[4-fluoro-2-(trifluoromethyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

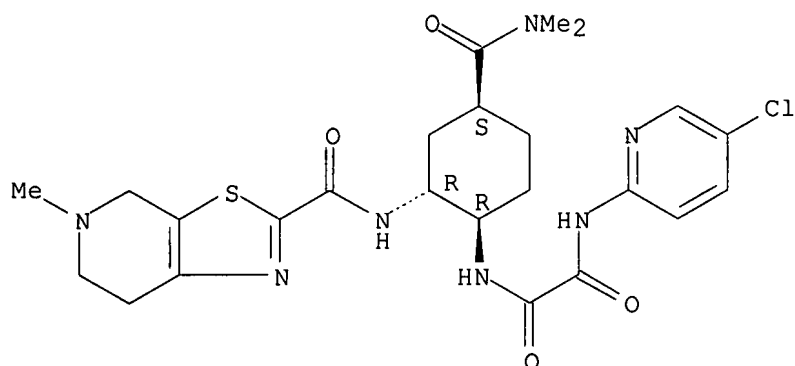
10773344



● HCl

RN 500572-10-1 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



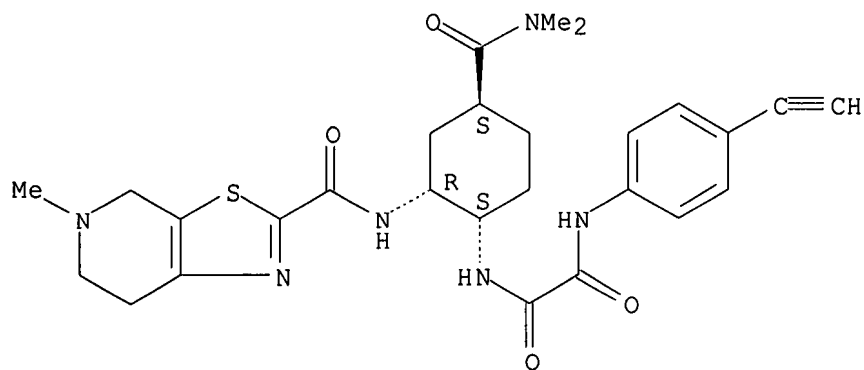
RN 500572-13-4 HCAPLUS  
CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-  
tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-  
N'-(4-ethynylphenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



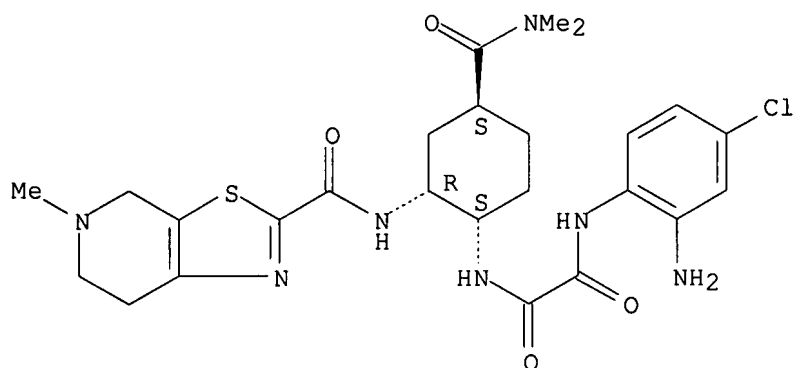
10773344



● HCl

RN 500572-14-5 HCAPLUS  
CN Ethanediame, N-(2-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

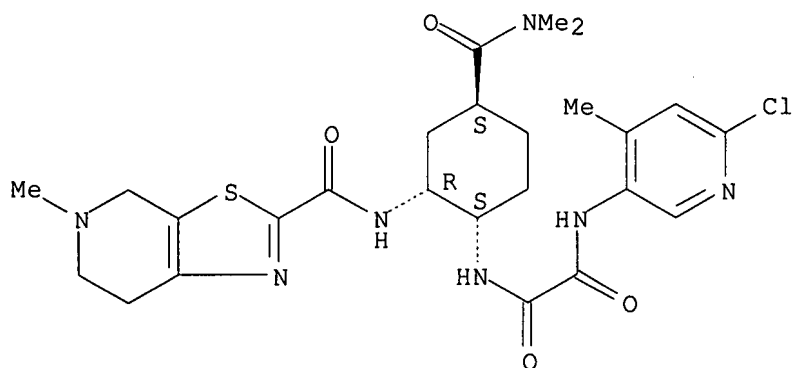


RN 500572-15-6 HCAPLUS  
CN Ethanediame, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

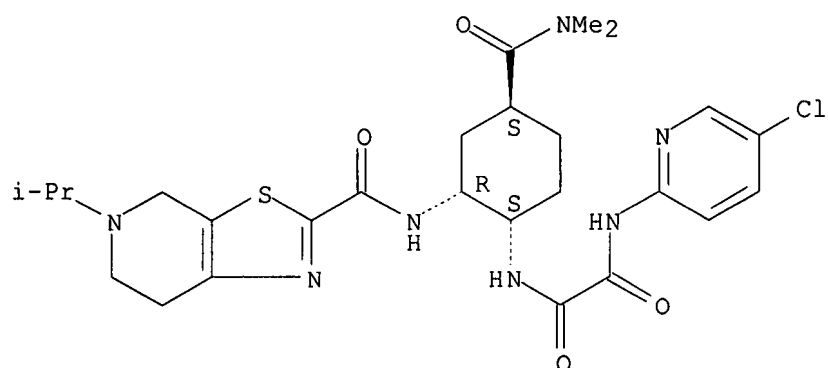
Updated Search

10773344



RN 500572-20-3 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-(1-  
methylethyl)thiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

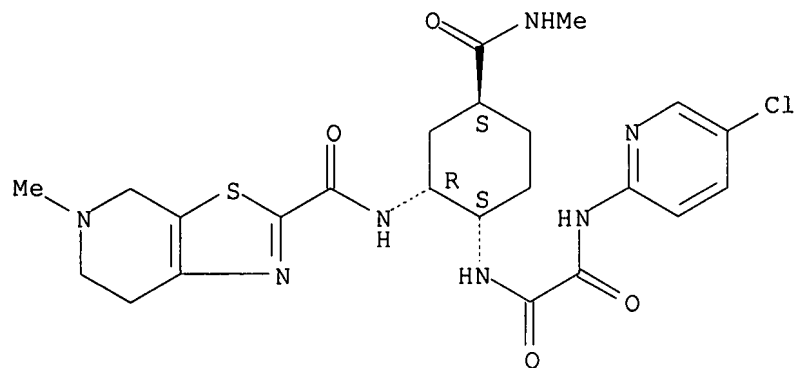


RN 500572-21-4 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(methylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

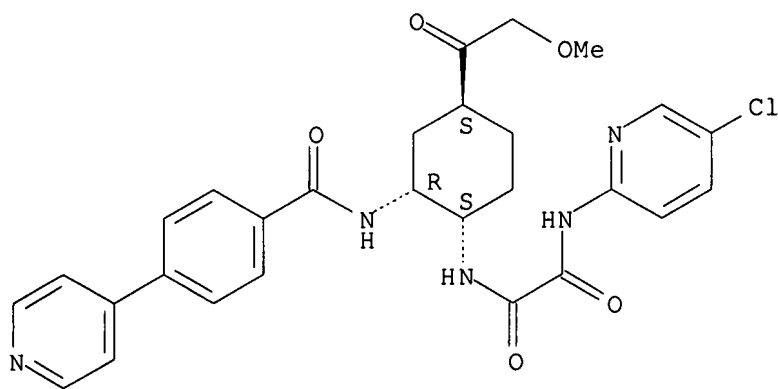
10773344



● HCl

RN 500572-22-5 HCAPLUS  
CN Ethanediameide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(methoxyacetyl)-2-[[4-(4-pyridinyl)benzoyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



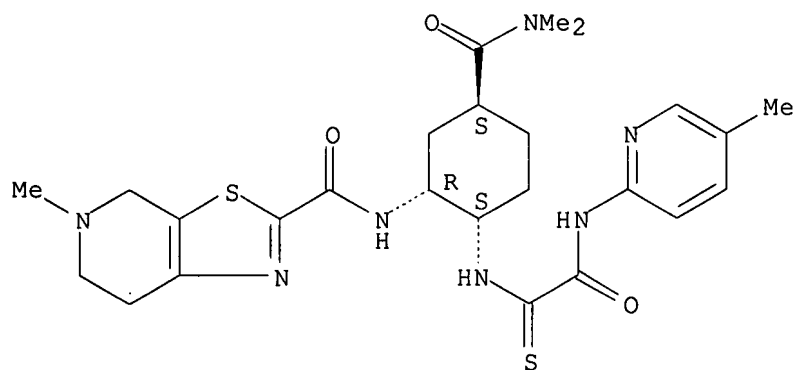
● HCl

RN 500572-23-6 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-5-[(dimethylamino)carbonyl]-2-[[2-[(5-methyl-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

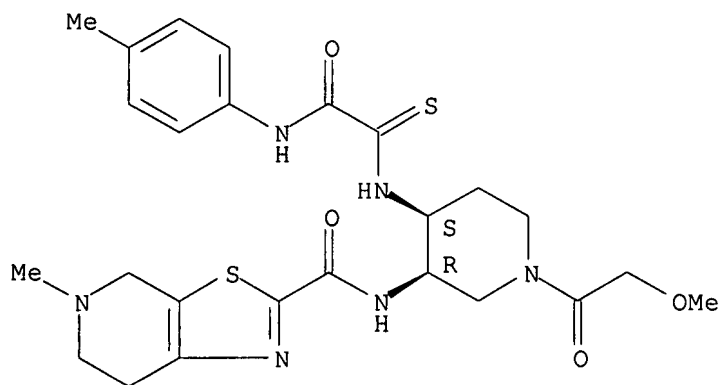


● HCl

RN 500572-24-7 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, 4,5,6,7-tetrahydro-N-[(3R,4S)-1-(methoxyacetyl)-4-[[2-[(4-methylphenyl)amino]-2-oxo-1-thioxoethyl]amino]-3-piperidinyl]-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

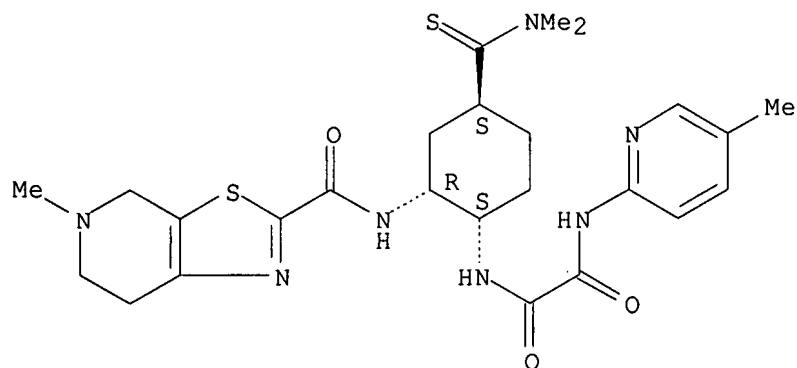
RN 500572-25-8 HCAPLUS

CN Ethanediamide, N-[(1S,2R,4S)-4-[(dimethylamino)thioxomethyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

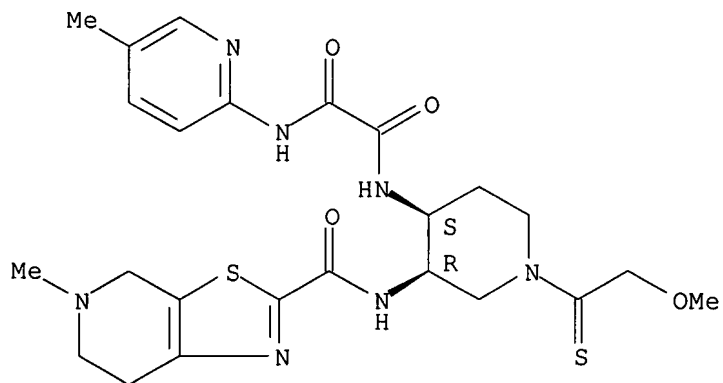
10773344



● HCl

RN 500572-26-9 HCAPLUS  
CN Ethanediame, N-[(3R,4S)-1-(2-methoxy-1-thioxoethyl)-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-methyl-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



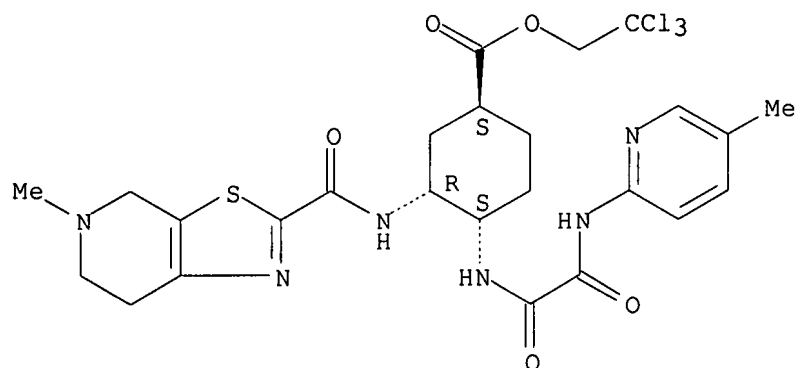
● HCl

RN 500572-27-0 HCAPLUS  
CN Cyclohexanecarboxylic acid, 4-[[[(5-methyl-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 2,2,2-trichloroethyl ester, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

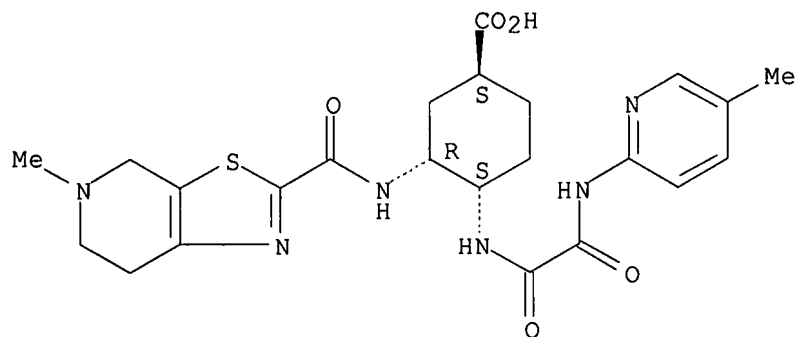
10773344



RN 500572-28-1 HCAPLUS

CN Cyclohexanecarboxylic acid, 4-[[[(5-methyl-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, (1S,3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



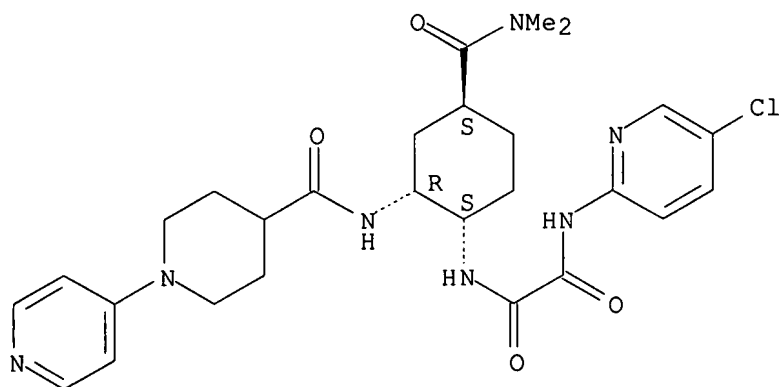
RN 500572-30-5 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[1-(4-pyridinyl)-4-piperidinyl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

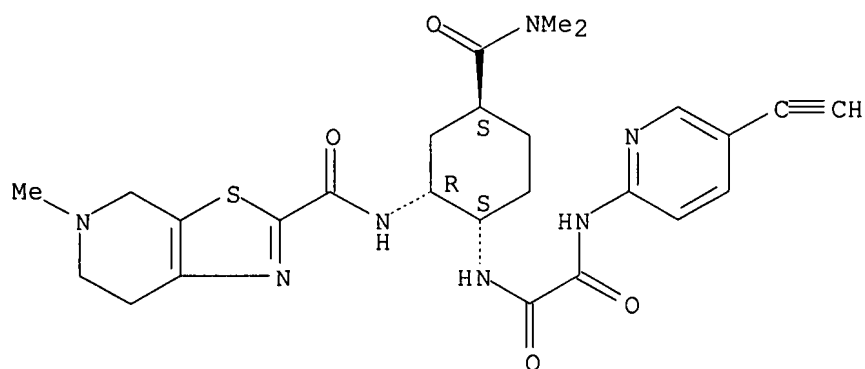
10773344



● HCl

RN 500572-31-6 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-N'-(5-ethynyl-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

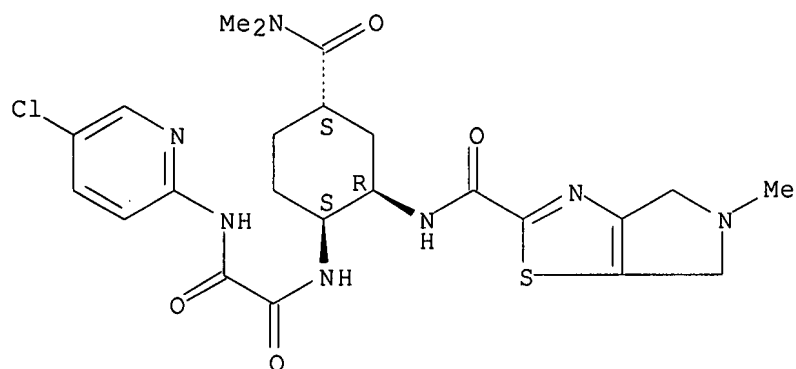


RN 500572-32-7 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(dimethylamino)carbonyl]cyclohexyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

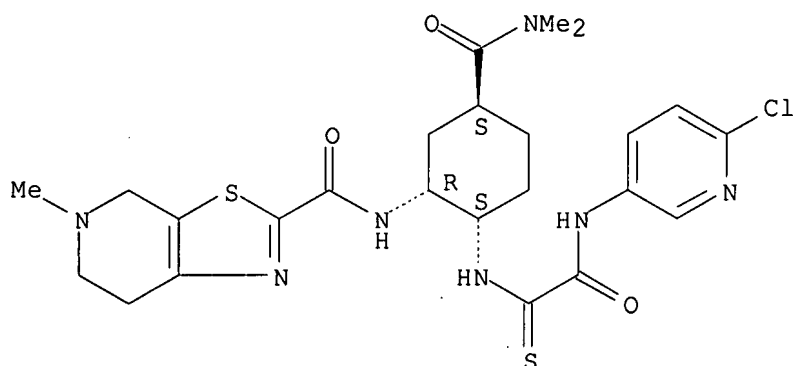
10773344



RN 500572-34-9 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(1R,2S,5S)-2-[[2-[(6-chloro-3-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 500572-35-0 HCAPLUS

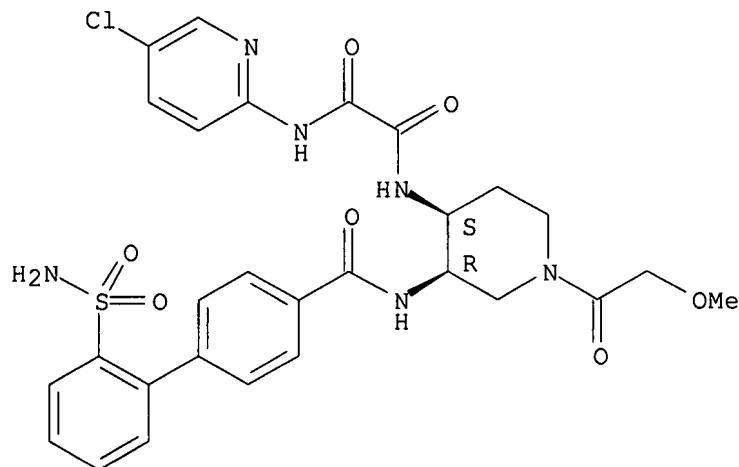
CN Ethanediamide, N-[(3R,4S)-3-[[[2'-(aminosulfonyl)[1,1'-biphenyl]-4-yl]carbonyl]amino]-1-(methoxyacetyl)-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

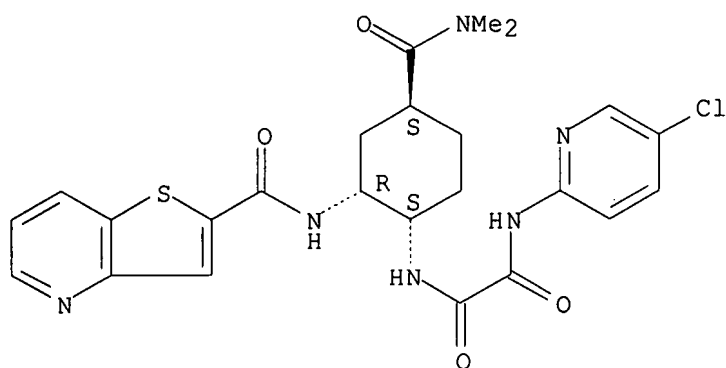


10773344



RN 500572-36-1 HCAPLUS  
CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(thieno[3,2-b]pyridin-2-ylcarbonyl)amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



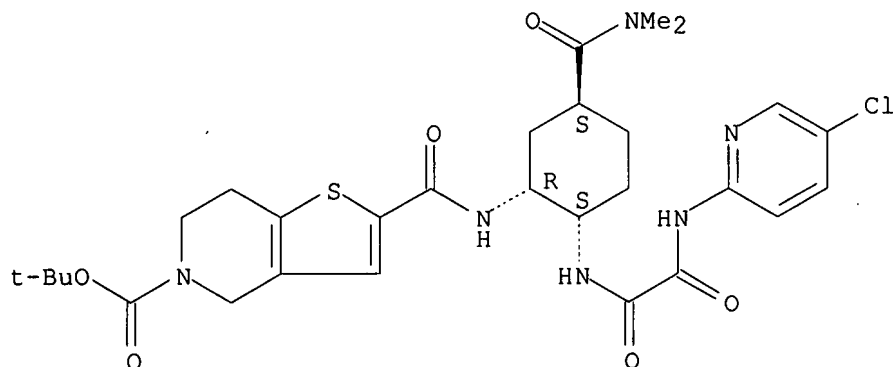
● HCl

IT 480452-38-8P 480452-49-1P 500571-55-1P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of diamines as factor Xa inhibitors)  
RN 480452-38-8 HCAPLUS  
CN Thieno[3,2-c]pyridine-5(4H)-carboxylic acid, 2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

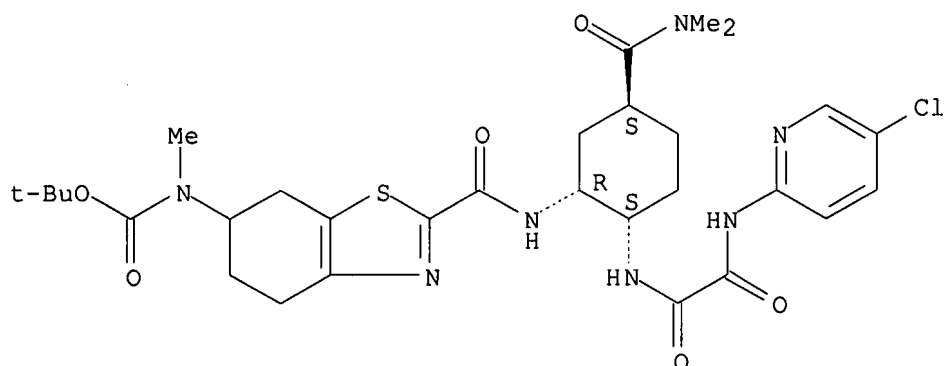
Updated Search

10773344



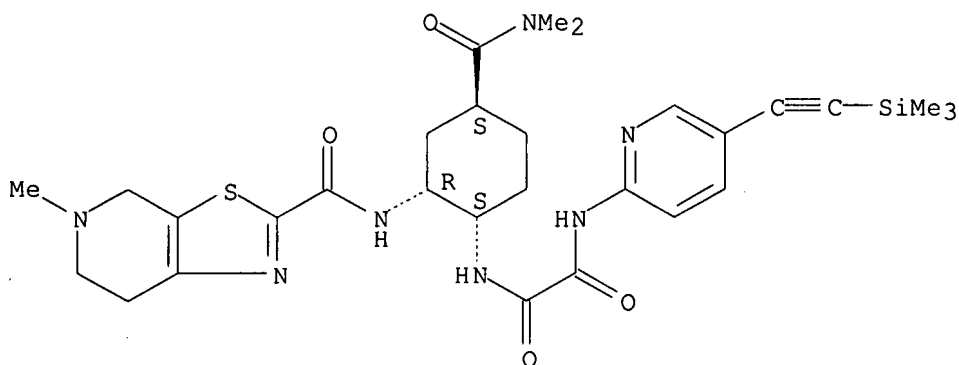
RN 480452-49-1 HCAPLUS  
CN Carbamic acid, [2-[[[(1R,2S,5S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-5-[(dimethylamino)carbonyl]cyclohexyl]amino]carbonyl]-4,5,6,7-tetrahydro-6-benzothiazolyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 500571-55-1 HCAPLUS  
CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-N'-[5-[(trimethylsilyl)ethynyl]-2-pyridinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



Updated Search

10773344

REFERENCE COUNT: 64 THERE ARE 64 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:5949 HCAPLUS

DOCUMENT NUMBER: 138:89801

TITLE: Preparation of heterocyclic moiety-containing diamine derivatives as FXa inhibitors

INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 811 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003000680	A1	20030103	WO 2002-JP6141	20020620
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
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WO 2003000657	A1	20030103	WO 2002-JP2683	20020320
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CA 2451605	A1	20030103	CA 2002-2451605	20020620
AU 2002346300	A1	20030108	AU 2002-346300	20020620
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CN 1826333	A	20060830	CN 2002-816040	20020620
CA 2456841	A1	20030227	CA 2002-2456841	20020808
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Updated Search

no

10773344

CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
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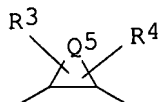
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ZA 2003009866	A	20041220	ZA 2003-9866	20030130
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IN 2003DN02224	A	20070316	IN 2003-DN2224	20031219
ZA 2004000926	A	20050204	ZA 2004-926	20040204
NO 2004000557	A	20040402	NO 2004-557	20040206
MX 2004PA01272	A	20040527	MX 2004-PA1272	20040209
US 2005245565	A1	20051103	US 2004-481629	20040601

PRIORITY APPLN. INFO.:

JP 2001-187105	A	20010620
JP 2001-243046	A	20010809
JP 2001-311808	A	20011009
JP 2001-398708	A	20011228
WO 2002-JP2683	W	20020320
WO 2002-JP6141	W	20020620
WO 2002-JP8119	W	20020808

OTHER SOURCE(S):  
GI

MARPAT 138:89801



nu

AB The title compds. Q1-Q2-T0-N(R1)-Q3-N(R2)-T1-Q4 [R1 and R2 represent each hydrogen, etc.; Q1 represents optionally substituted, saturated or unsatd. 5- or 6-membered hydrocarbonyl, etc.; Q2 represents a single bond, etc.; Q3 represents I (wherein Q5 represents C1-8 alkylene, etc.; R3, R4 represent each hydrogen, etc.); Q4 represents (un)substituted aryl, etc.; and T0 and T1 represent each carbonyl, etc.] are prepared These compds. are useful as preventives and/or remedies for brain infarction, cerebral embolism, myocardial infarction, angina, thrombosis, etc. Compds. of this invention in vitro showed IC50 values of 1.4 nM to 92 nM against human FXa.

IT 480448-28-0P 480448-29-1P 480448-30-4P  
480448-31-5P 480448-32-6P 480448-33-7P  
480448-34-8P 480448-35-9P 480448-36-0P  
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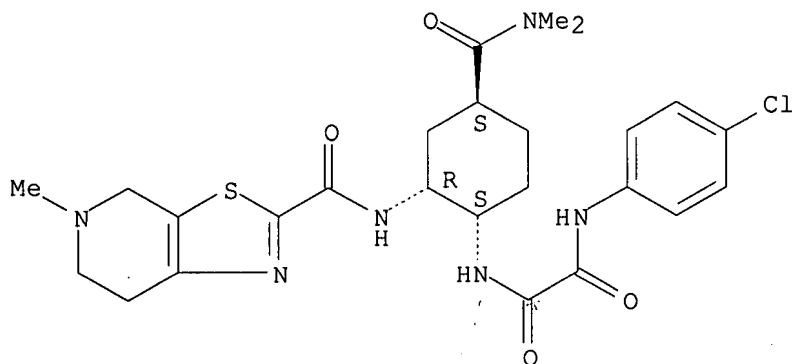
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclic moiety-containing diamine derivs. as FXa inhibitors)

RN 480448-28-0 HCAPLUS

CN Ethanediame, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

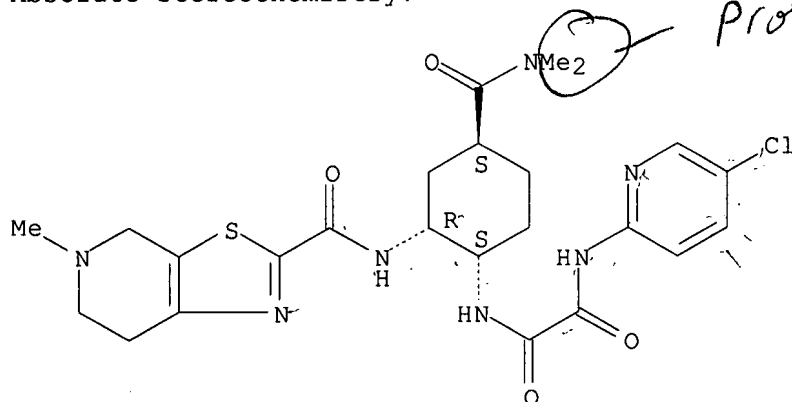


● HCl

RN 480448-29-1 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

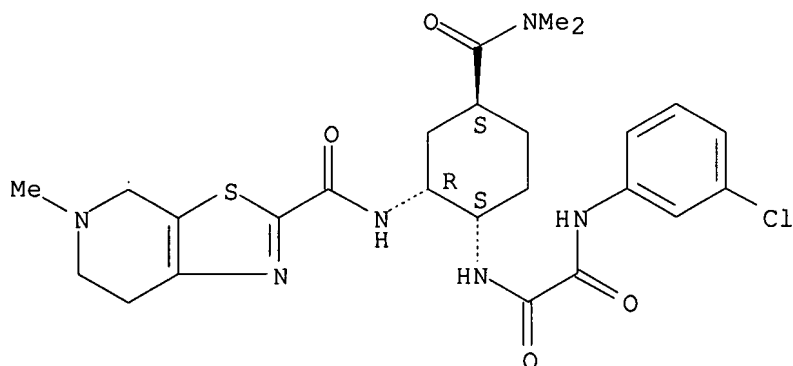
Updated Search

10773344

RN 480448-30-4 HCAPLUS

CN Ethanediame, N-(3-chlorophenyl)-N'-[(1S,2R,4S)-4-  
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c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

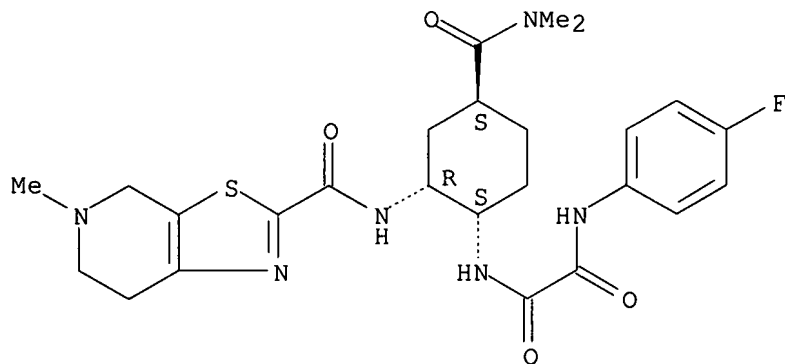


● HCl

RN 480448-31-5 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-  
tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-  
N'-(4-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

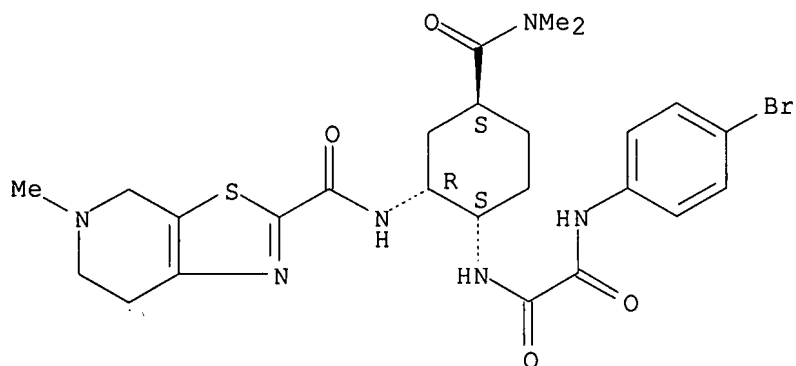
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CN Ethanediame, N-(4-bromophenyl)-N'-[(1S,2R,4S)-4-  
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INDEX NAME)

Updated Search

10773344

Absolute stereochemistry.

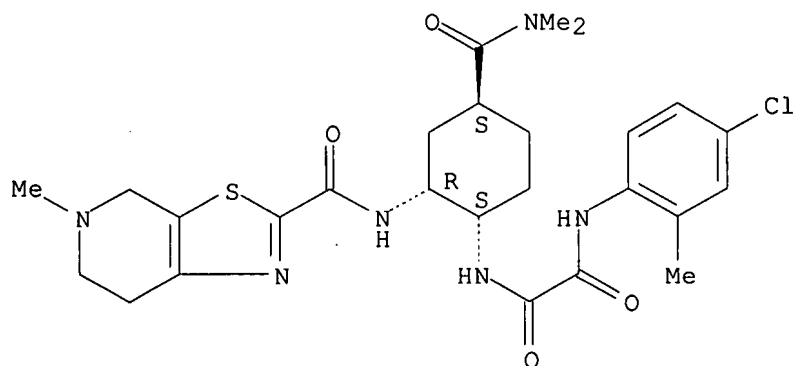


● HCl

RN 480448-33-7 HCAPLUS

CN Ethanediame, N-(4-chloro-2-methylphenyl)-N'-[(1S,2R,4S)-4-  
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INDEX NAME)

Absolute stereochemistry.



● HCl

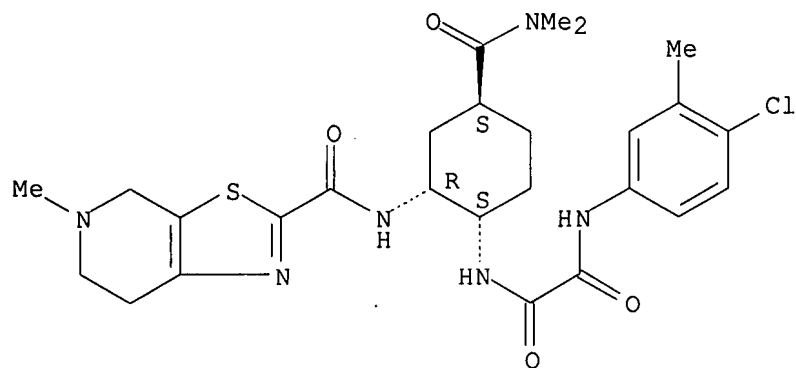
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CN Ethanediame, N-(4-chloro-3-methylphenyl)-N'-[(1S,2R,4S)-4-  
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INDEX NAME)

Absolute stereochemistry.

Updated Search

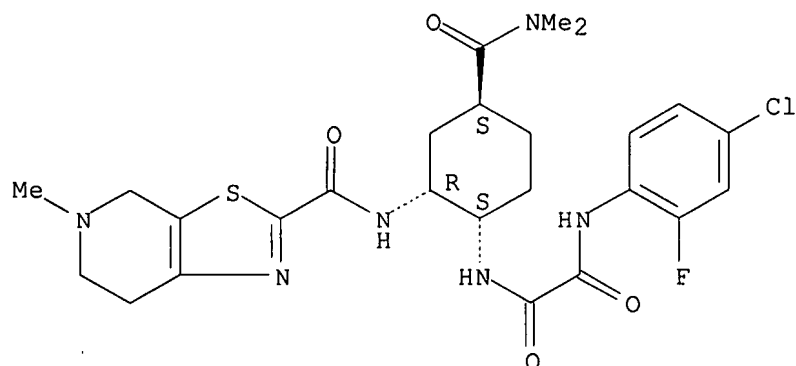
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● HCl

RN 480448-35-9 HCAPLUS  
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[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

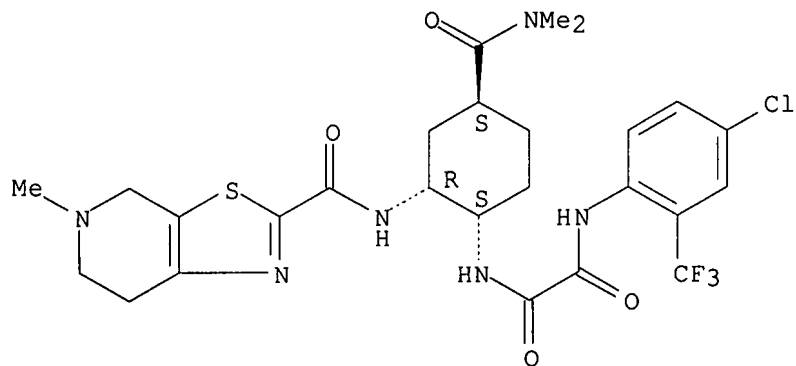
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CN Ethanediame, N-(2,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search



4

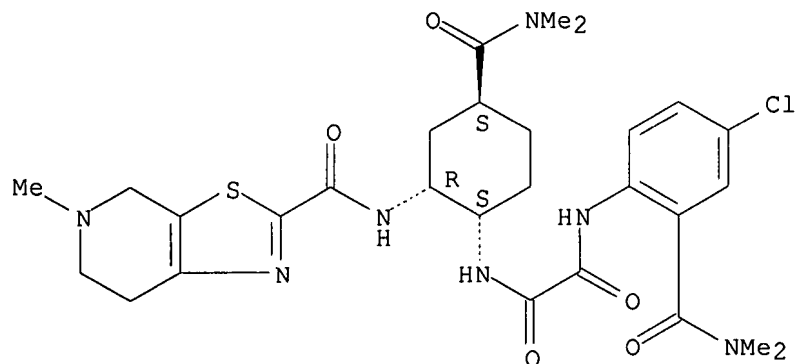


● HCl

RN - 480449-13-6 HCAPLUS

Ethanediamide, N-[4-chloro-2-[(dimethylamino)carbonyl]phenyl]-N'-  
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 methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-,  
 monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

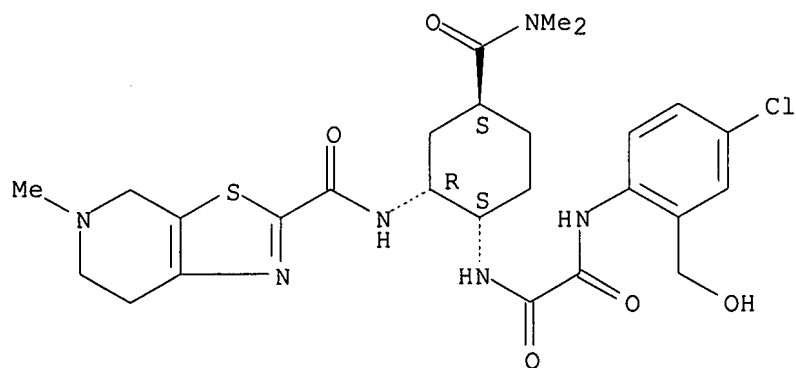
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CN Ethanediarnide, N-[4-chloro-2-(hydroxymethyl)phenyl]-N'-[(1S,2R,4S)-4-  
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INDEX NAME)

Absolute stereochemistry.

Updated Search

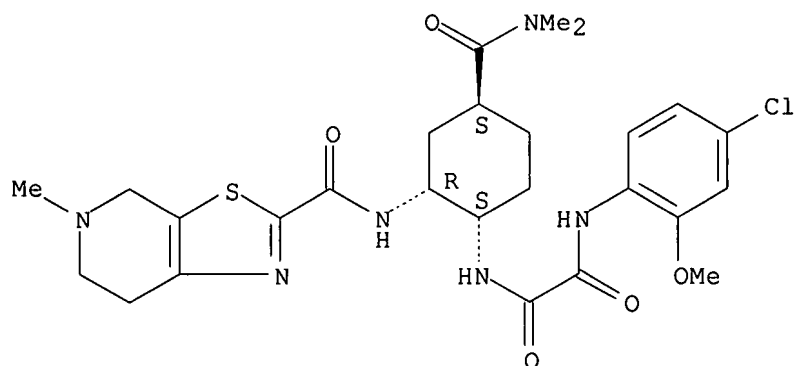
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● HCl

RN 480449-15-8 HCAPLUS  
CN Ethanediame, N-(4-chloro-2-methoxyphenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



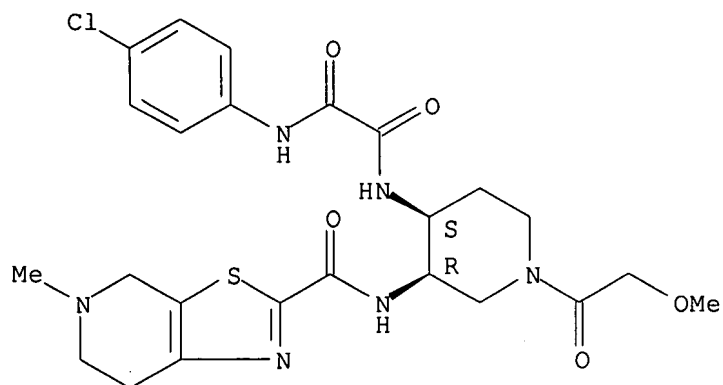
● HCl

RN 480449-17-0 HCAPLUS  
CN Ethanediame, N-(4-chlorophenyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-  
[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidiny]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

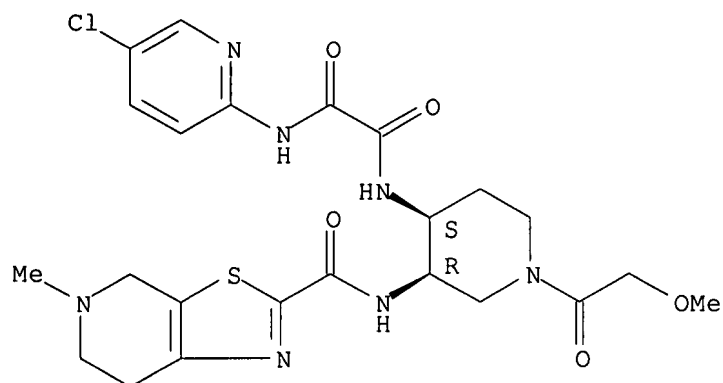


● HCl

RN 480449-18-1 HCAPLUS

CN Ethanedi-1-amine, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methoxyacetyl)-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

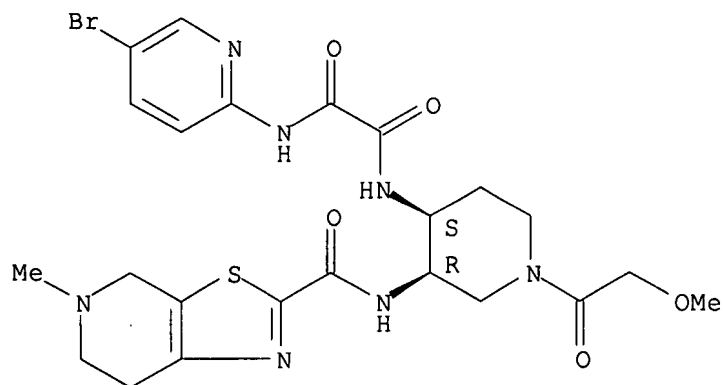
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Absolute stereochemistry.

Updated Search

10773344

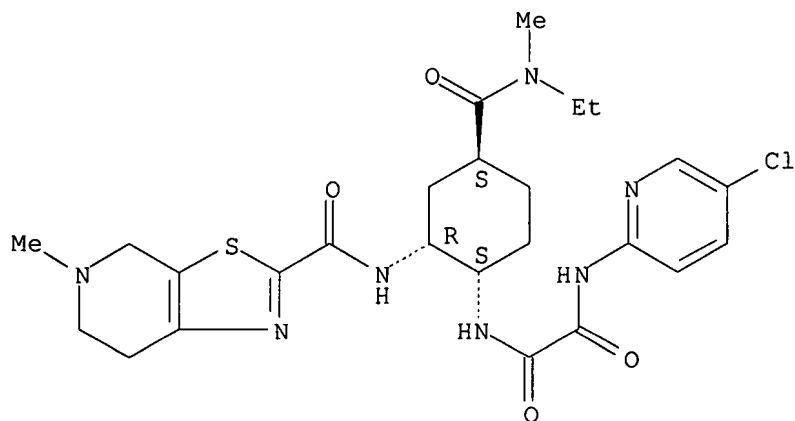


● HCl

RN 480449-22-7 HCAPLUS

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c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

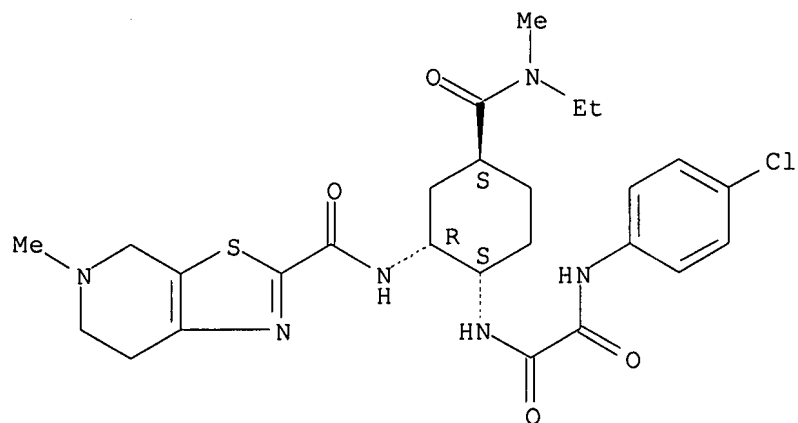
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[(ethylmethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
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INDEX NAME)

Absolute stereochemistry.

Updated Search

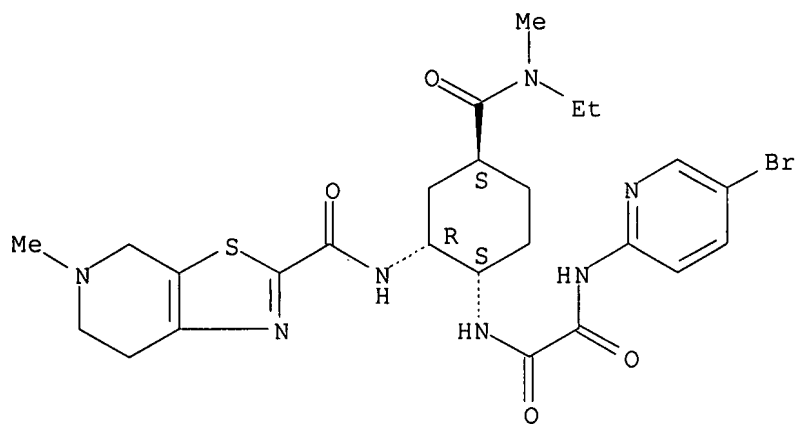
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● HCl

RN 480449-24-9 HCAPLUS  
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INDEX NAME)

Absolute stereochemistry.



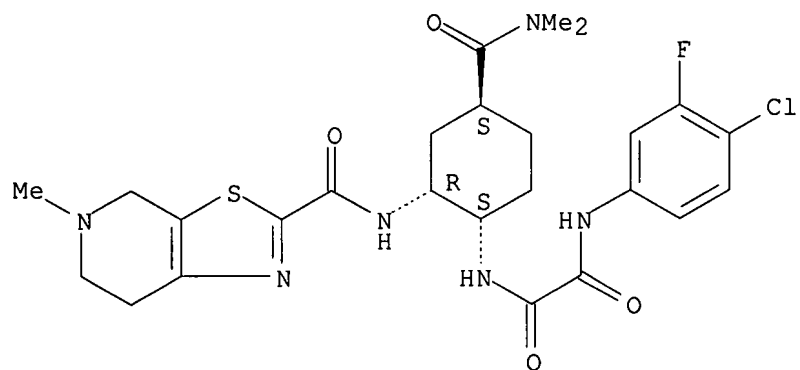
● HCl

RN 480449-25-0 HCAPLUS  
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[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

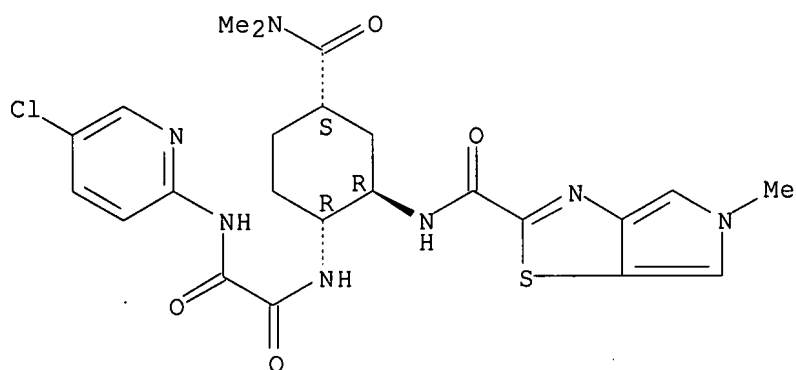
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● HCl

RN 480449-27-2 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1R,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[5-methyl-5H-pyrrolo[3,4-d]thiazol-2-  
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Absolute stereochemistry.

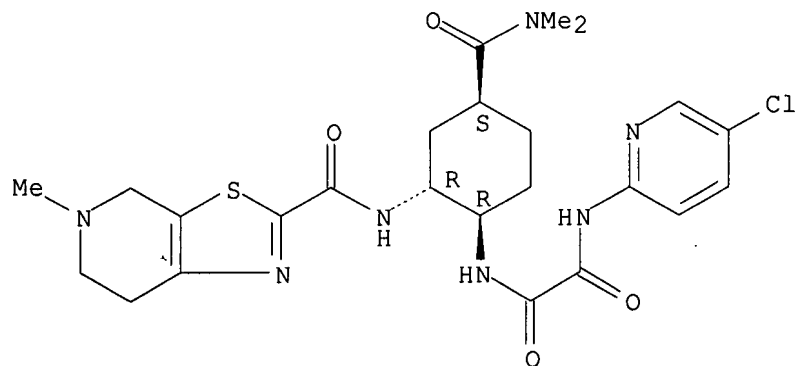


RN 480449-28-3 HCAPLUS  
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INDEX NAME)

Absolute stereochemistry.

Updated Search

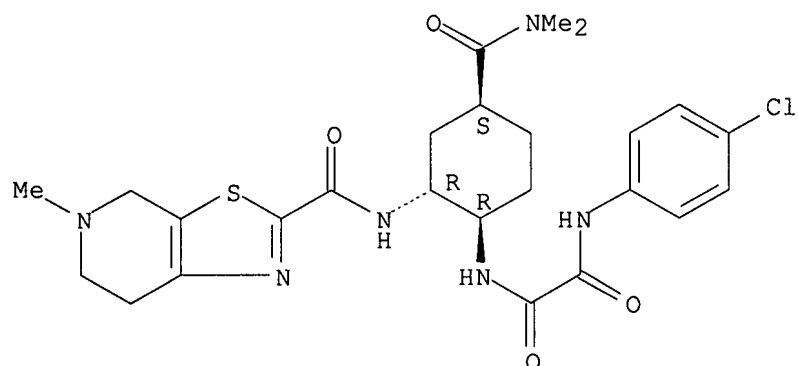
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● HCl

RN 480449-29-4 HCAPLUS  
CN Ethanedi-1-amine, N-(4-chlorophenyl)-N'-[(1R,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

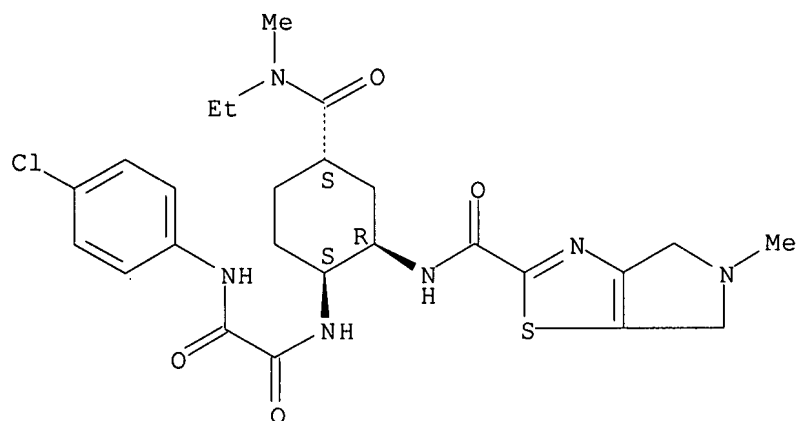


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CN Ethanedi-1-amine, N-(4-chlorophenyl)-N'-[(1S,2R,4S)-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

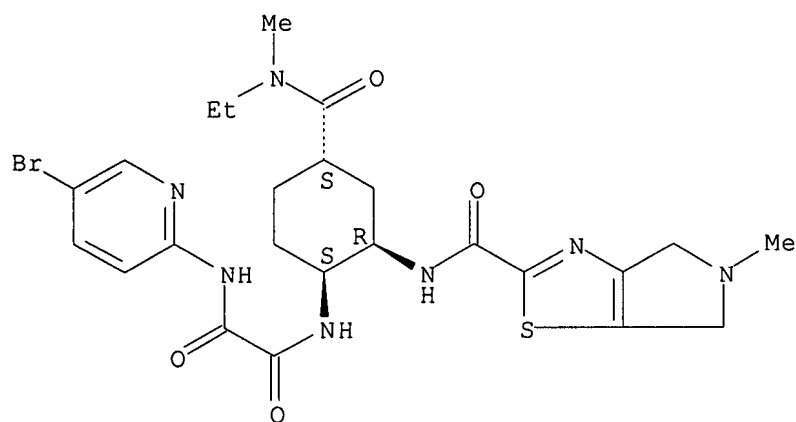
10773344



● HCl

RN 480449-37-4 HCAPLUS  
CN Ethanediameide, N-(5-bromo-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

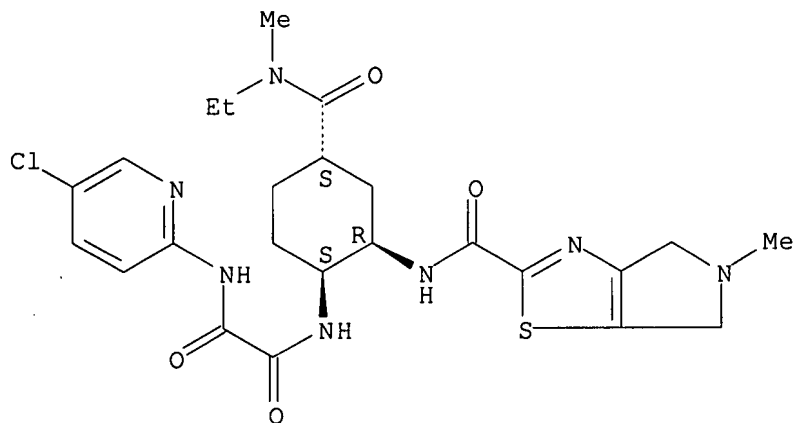
RN 480449-38-5 HCAPLUS  
CN Ethanediameide, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-2-[[ (5,6-dihydro-5-methyl-4H-pyrrolo[3,4-d]thiazol-2-yl)carbonyl]amino]-4-[(ethylmethylamino)carbonyl]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344

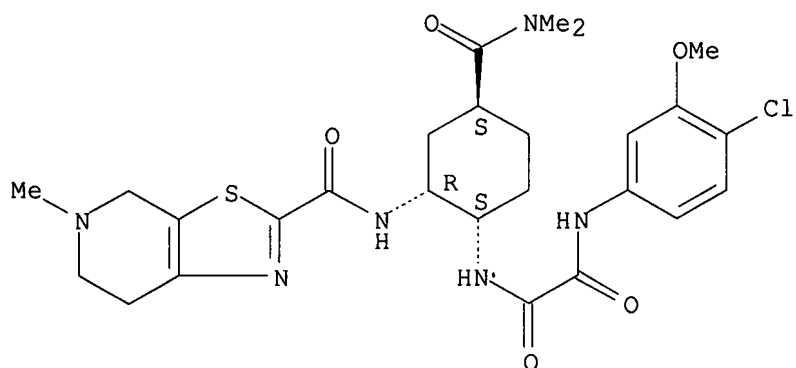


● HCl

RN 480449-39-6 HCAPLUS

CN Ethanediame, N-(4-chloro-3-methoxyphenyl)-N'-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

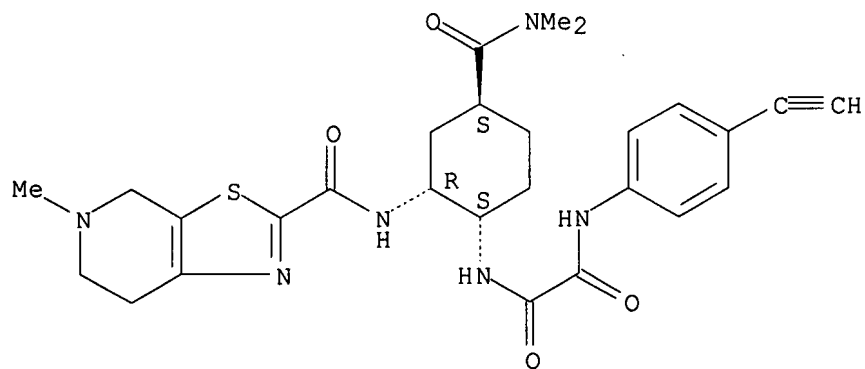
RN 480449-42-1 HCAPLUS

CN Ethanediame, N-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]-N'-(4-ethynylphenyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

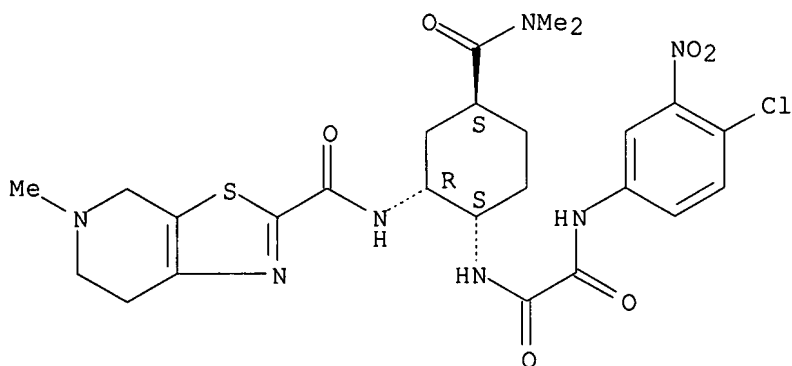
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RN 480449-44-3 HCAPLUS

CN Ethanediame, N-(4-chloro-3-nitrophenyl)-N'-[(1S,2R,4S)-4-  
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c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

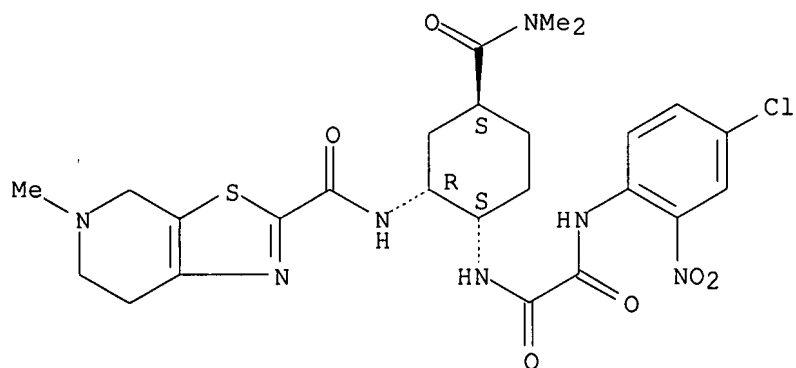
RN 480449-45-4 HCAPLUS

CN Ethanediame, N-(4-chloro-2-nitrophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

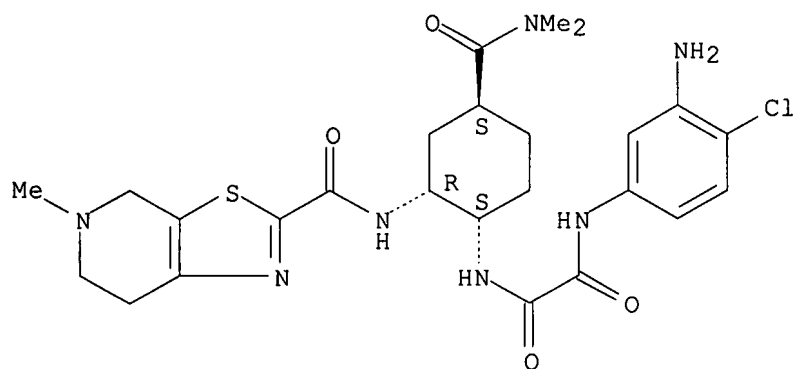
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● HCl

RN 480449-47-6 HCAPLUS  
CN Ethanediame, N-(3-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
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INDEX NAME)

Absolute stereochemistry.



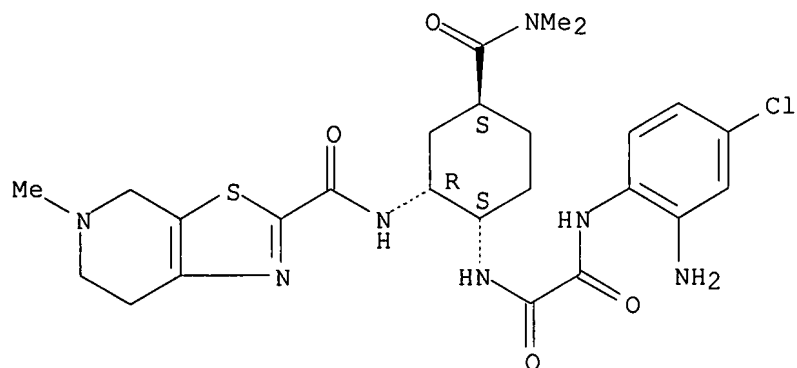
● HCl

RN 480449-48-7 HCAPLUS  
CN Ethanediame, N-(2-amino-4-chlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

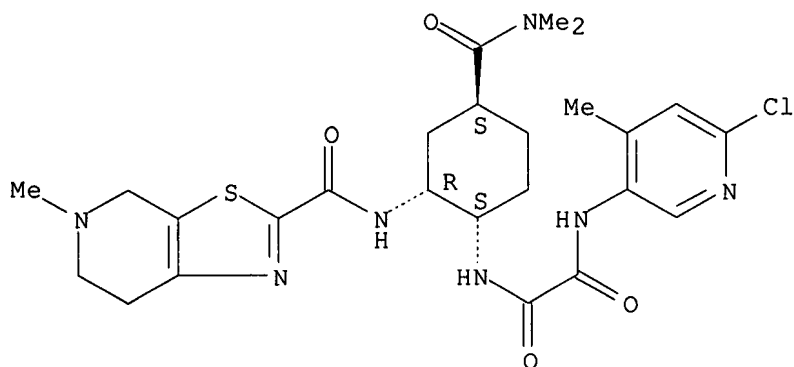
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● HCl

RN 480449-49-8 HCAPLUS  
CN Ethanediame, N-(6-chloro-4-methyl-3-pyridinyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



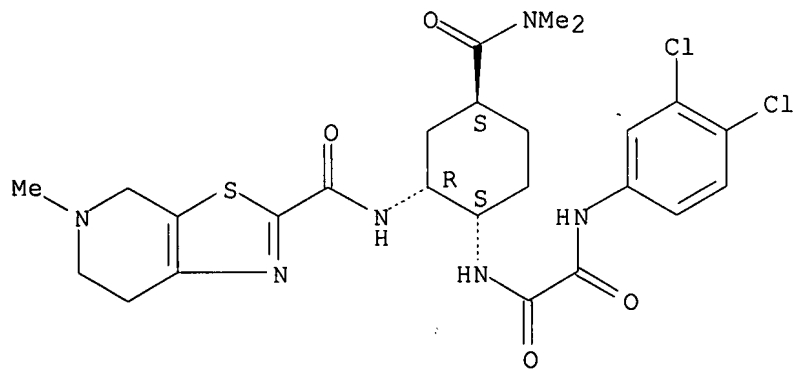
● HCl

RN 552850-25-6 HCAPLUS  
CN Ethanediame, N-(3,4-dichlorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

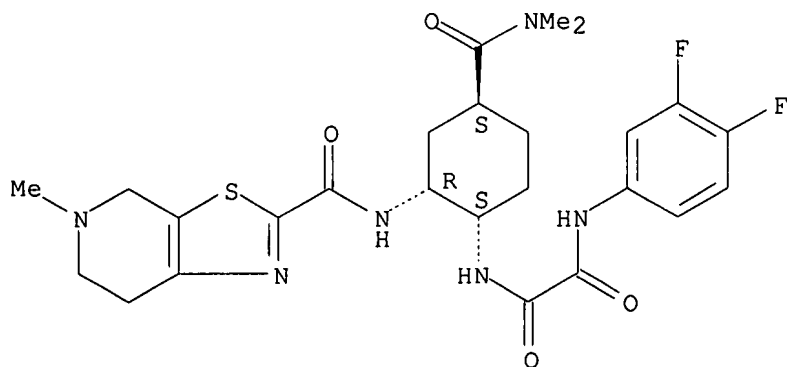
10773344



● HCl

RN 552850-26-7 HCAPLUS  
CN Ethanediame, N-(3,4-difluorophenyl)-N'-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



● HCl

=> d his

(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

L1 STRUCTURE UPLOADED

L2 17 S L1

L3 261 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4 12 S L3

Updated Search

10773344

L5 5 S L4 AND OHTA, T?/AU  
L6 7 S L4 NOT L5  
L7 0 S L6 AND KOMORIYA, S?/AU  
L8 1 S L6 AND YOSHINO, T?/AU

=> s 16 not 18

L9 6 L6 NOT L8

=> s 19 and uoto, k?/au

58 UOTO, K?/AU

L10 0 L9 AND UOTO, K?/AU

=> s 19 and nakamoto, y?/au

520 NAKAMOTO, Y?/AU

L11 0 L9 AND NAKAMOTO, Y?/AU

=> s 19 and naito, h?/au

1792 NAITO, H?/AU

L12 0 L9 AND NAITO, H?/AU

=> s 19 and mochizuki, a?/au

906 MOCHIZUKI, A?/AU

L13 1 L9 AND MOCHIZUKI, A?/AU

=> d 113, ibib abs hitstr, 1

L13 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1066699 HCAPLUS

DOCUMENT NUMBER: 145:419128

TITLE: Preparation of triamine derivatives containing heterocyclcyl moieties as FXa inhibitors

INVENTOR(S): Mochizuki, Akiyoshi; Nagata, Tsutomu

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 232pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006106963	A1	20061012	WO 2006-JP306930	20060331
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.:

JP 2005-100335

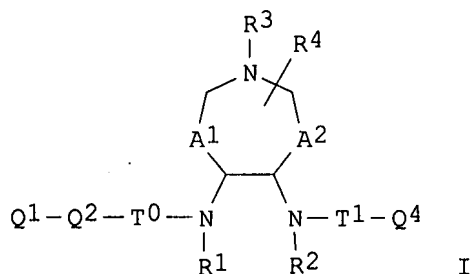
A 20050331

OTHER SOURCE(S):

MARPAT 145:419128

GI

Updated Search



AB The title compds. I [A1 is (CH<sub>2</sub>)<sub>m</sub>; A2 is (CH<sub>2</sub>)<sub>n</sub>; each of R1 and R2 independently is a hydrogen atom, hydroxyl, an alkyl or an alkoxy; Q1 is an optionally substituted saturated or unsatd. bicyclic or tricyclic condensed hydrocarbon group or an optionally substituted saturated or unsatd. bicyclic or tricyclic condensed heterocyclic group, etc.; Q2 is a single bond, a linear or branched C1-C6 alkylene, a linear or branched C2-C6 alkenylene, etc.; each of R3 and R4 is H, an alkyl, an alkenyl, etc.; each of m and n is a number of 0 to 3; Q4 is an (un)substituted aryl, (un)substituted arylalkenyl, (un)substituted arylalkynyl, etc.; T0 is carbonyl or thiocarbonyl; T1 is carbonyl, sulfonyl, etc.] are prepared Thus, N1-(5-chloropyridin-2-yl)-N2-((3R,4S)-1-methyl-3-((5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl)amino)piperidin-4-yl)ethanediamide hydrochloride was prepared in a multistep process from (4R)-4-formyl-2,2-dimethyl-1,3-oxazolidine-3-carboxylic acid tert-Bu ester and (carboethoxymethylene)triphenylphosphorane. In a test for the inhibition of human blood-coagulation factor Xa, compds. of this invention showed IC50 values of 0.9 nM to 3 nM.

IT 912481-02-8P 912481-03-9P 912481-04-0P  
 912481-05-1P 912481-06-2P 912481-07-3P  
 912481-08-4P 912481-09-5P 912481-10-8P  
 912481-11-9P 912481-19-7P 912481-20-0P  
 912481-21-1P 912481-22-2P 912481-23-3P  
 912481-24-4P 912481-25-5P 912481-26-6P  
 912481-27-7P 912481-31-3P 912481-32-4P  
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 912481-40-4P 912481-41-5P 912481-42-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

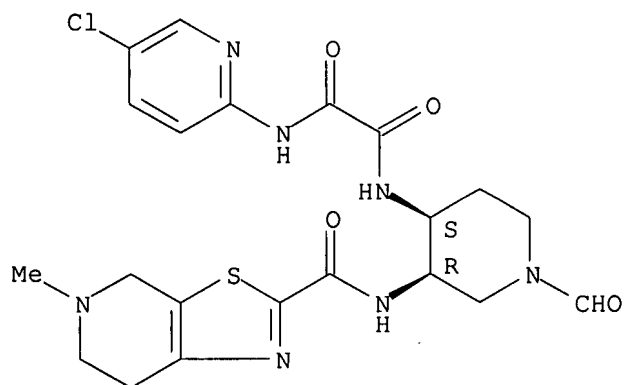
(preparation of triamine derivs. containing heterocyclyl moieties as FXa inhibitors)

RN 912481-02-8 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-formyl-3-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

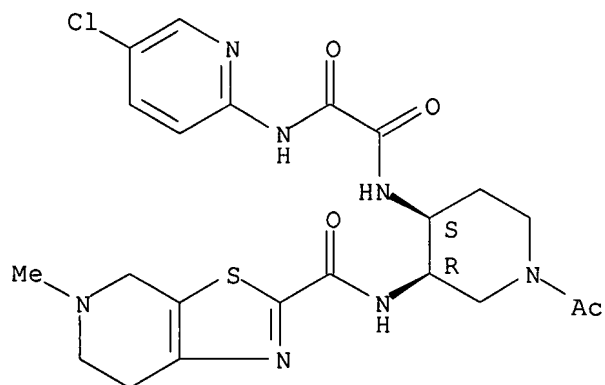
10773344



● HCl

RN 912481-03-9 HCAPLUS  
CN Ethanediame, N-[(3R,4S)-1-acetyl-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

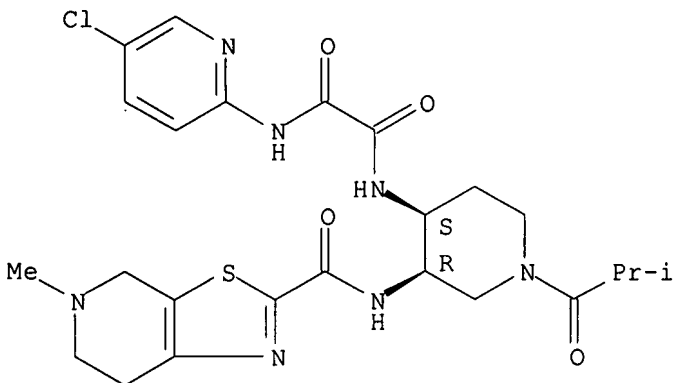
RN 912481-04-0 HCAPLUS  
CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(2-methyl-1-oxopropyl)-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344

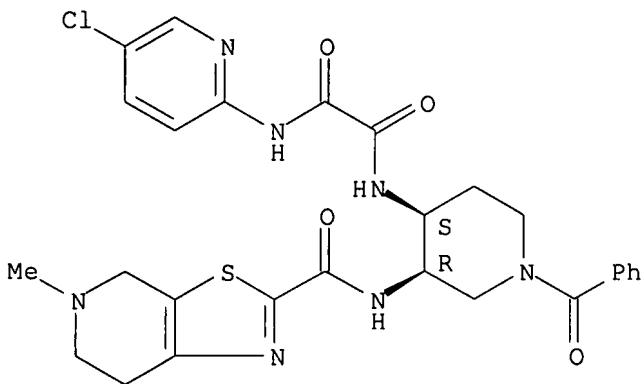


● HCl

RN 912481-05-1 HCAPLUS

CN Ethanediamide, N-[(3R,4S)-1-benzoyl-3-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

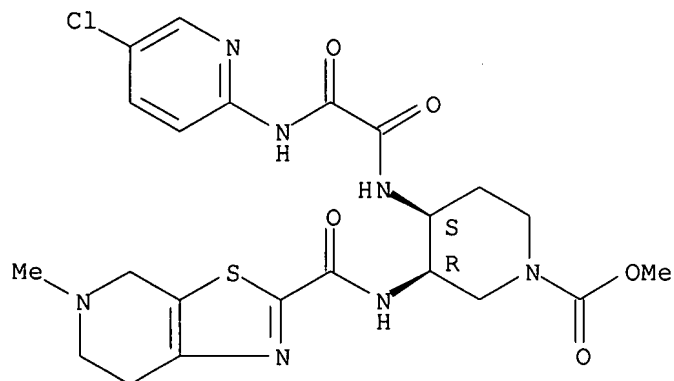
RN 912481-06-2 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, methyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

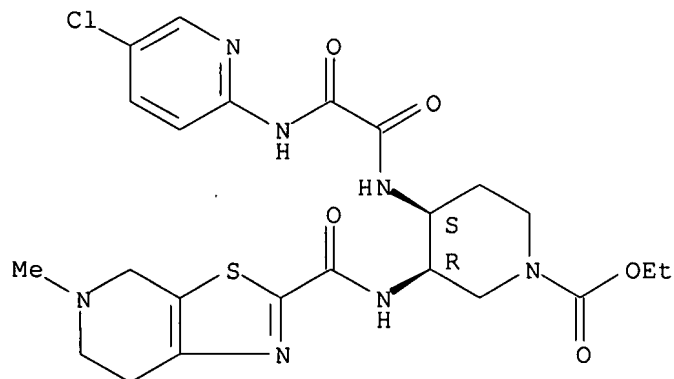


● HCl

RN 912481-07-3 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, ethyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

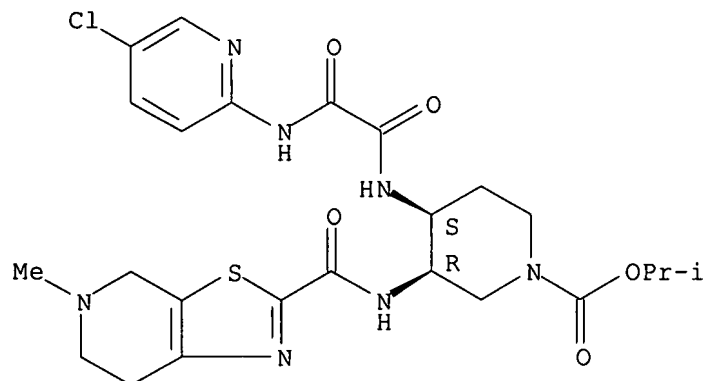
RN 912481-08-4 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-3-[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-, 1-methylethyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

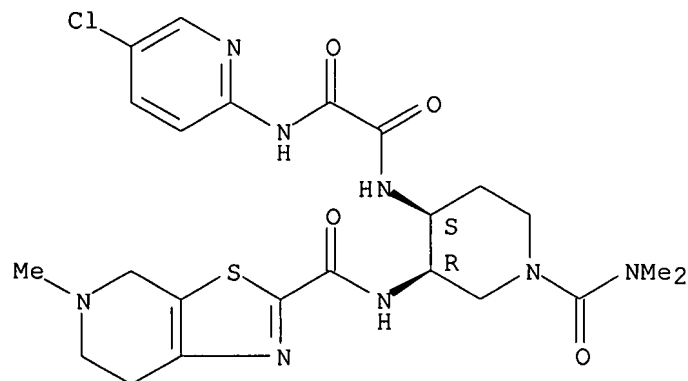


● HCl

RN 912481-09-5 HCAPLUS

CN Ethanedi- amide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-  
[(dimethylamino)carbonyl]-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



● HCl

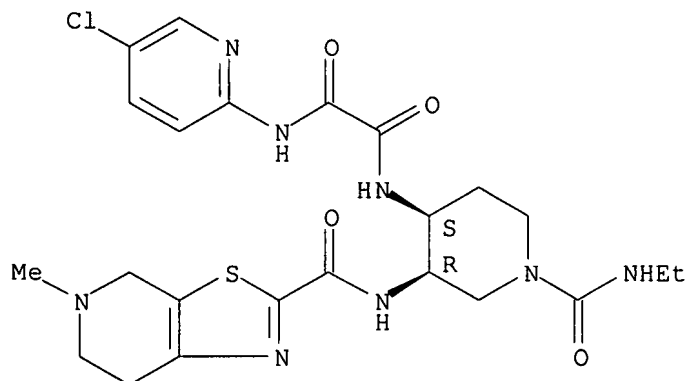
RN 912481-10-8 HCAPLUS

CN Ethanedi- amide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-  
[(ethylamino)carbonyl]-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

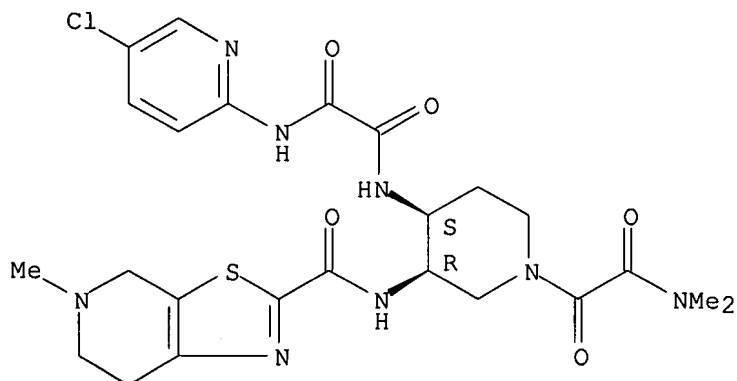


● HCl

RN 912481-11-9 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-  
[(dimethylamino)oxoacetyl]-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



● HCl

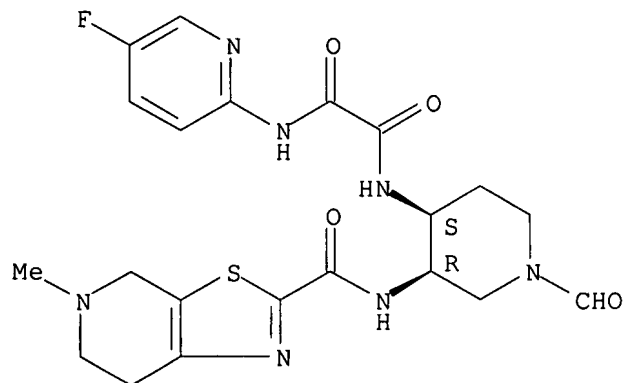
RN 912481-19-7 HCAPLUS

CN Ethanediame, N-(5-fluoro-2-pyridinyl)-N'-[(3R,4S)-1-formyl-3-[[ (4,5,6,7-  
tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-  
piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

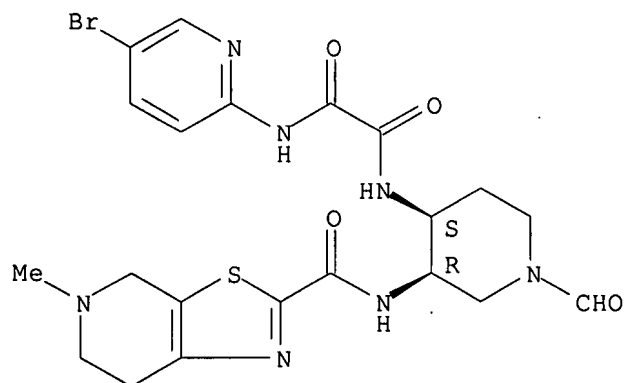
10773344



● HCl

RN 912481-20-0 HCAPLUS  
CN Ethanediameide, N-(5-bromo-2-pyridinyl)-N'-[(3R,4S)-1-formyl-3-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



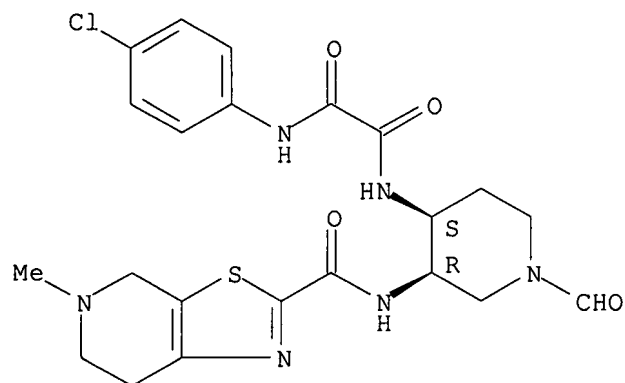
● HCl

RN 912481-21-1 HCAPLUS  
CN Ethanediameide, N-(4-chlorophenyl)-N'-[(3R,4S)-1-formyl-3-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

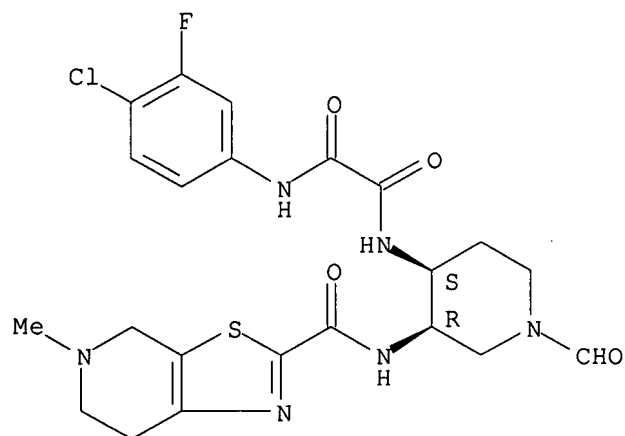


● HCl

RN 912481-22-2 HCAPLUS

CN Ethanediame, N-(4-chloro-3-fluorophenyl)-N'-[(3R,4S)-1-formyl-3-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-4-piperidinyloxy]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

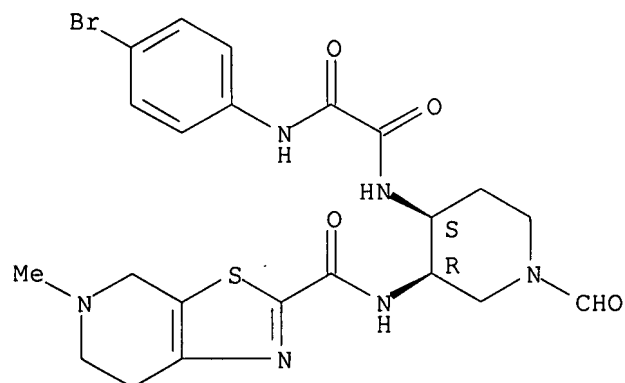
RN 912481-23-3 HCAPLUS

CN Ethanediame, N-(4-bromophenyl)-N'-[(3R,4S)-1-formyl-3-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-4-piperidinyloxy]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

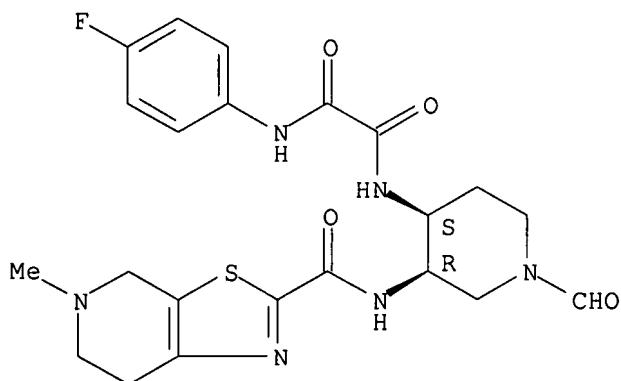


● HCl

RN 912481-24-4 HCAPLUS

CN Ethanediame, N-(4-fluorophenyl)-N-[(3R,4S)-1-formyl-3-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

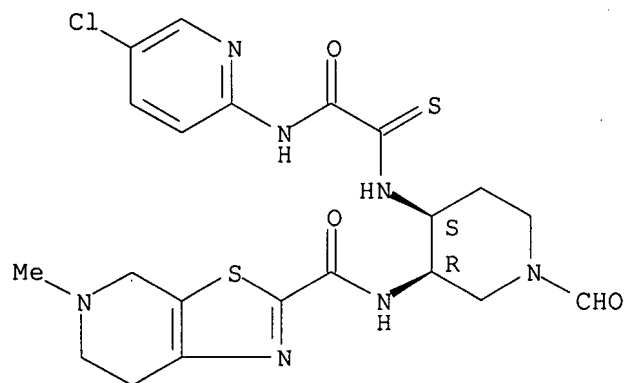
RN 912481-25-5 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-1-formyl-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl- (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

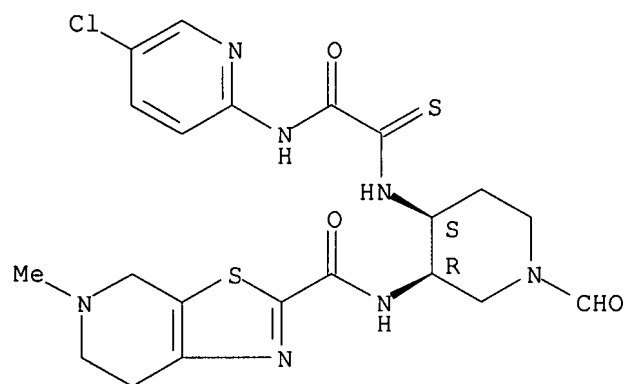
10773344



RN 912481-26-6 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-1-formyl-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 912481-27-7 HCAPLUS

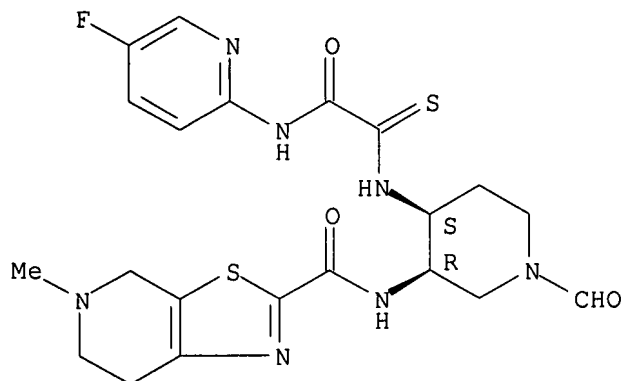
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-4-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-1-formyl-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344

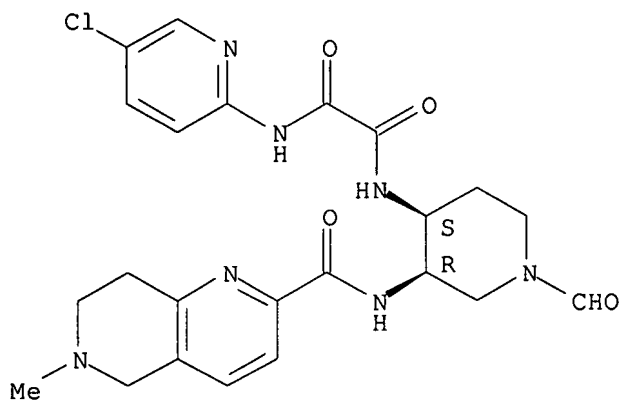


● HCl

RN 912481-31-3 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-formyl-3-[(5,6,7,8-tetrahydro-6-methyl-1,6-naphthyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 912481-32-4 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[6,7-dihydro-6-methyl-5H-pyrrolo[3,4-b]pyridin-2-yl]carbonyl]amino]-1-formyl-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

CN1Cc2cnc(C(=O)N[C@@H]3CC[C@H](C(=O)N[C@@H]3C(=O)Nc4ccc(Cl)cn4)C3)cc2

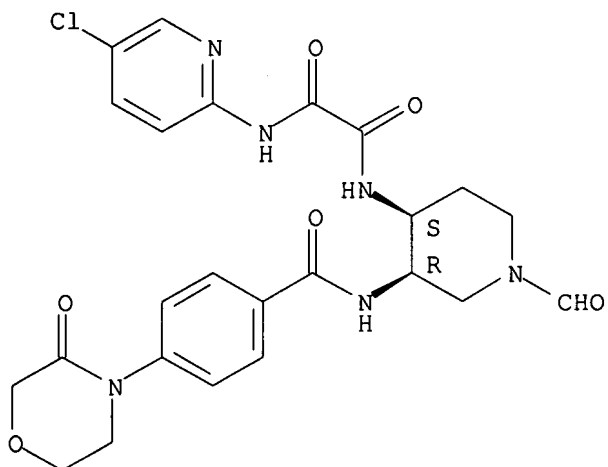
RN	912481-33-5	HCAPLUS
CN	Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[6,7-dihydro-4H-pyrano[4,3-d]thiazol-2-yl]carbonyl]amino]-1-formyl-4-piperidinyl]- (9CI) (CA INDEX NAME)	

O=C1CN(C(=O)Nc2ccc(Cl)cn2)C(=O)N[C@@H]3CCN(C=O)C[C@H]3S4C(=O)N=C5C(=O)OC6C=CC=C5C64

Absolute stereochemistry.

Updated Search

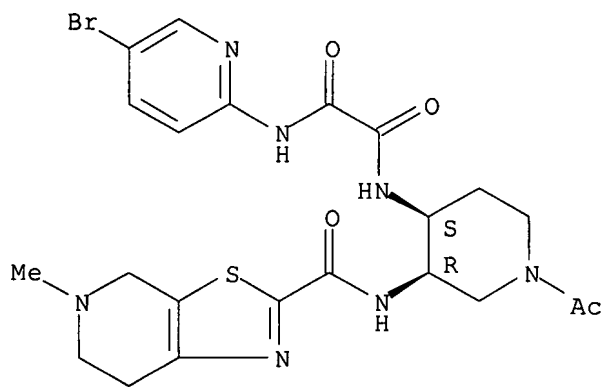
10773344



RN 912481-35-7 HCAPLUS

CN Ethanediamide, N-[(3R,4S)-1-acetyl-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(5-bromo-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

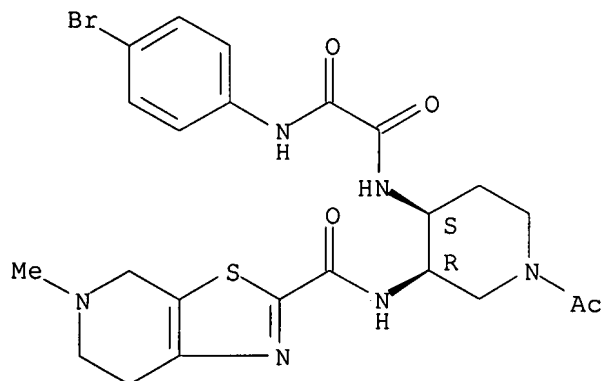
RN 912481-36-8 HCAPLUS

CN Ethanediamide, N-[(3R,4S)-1-acetyl-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(4-bromophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

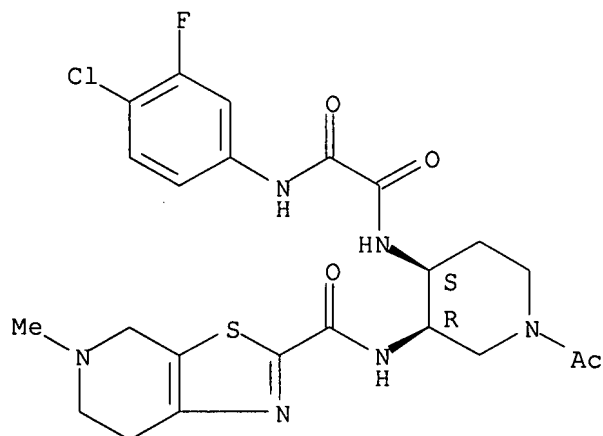
10773344



● HCl

RN 912481-37-9 HCAPLUS  
CN Ethanediame, N-[(3R,4S)-1-acetyl-3-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-N'-(4-chloro-3-fluorophenyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



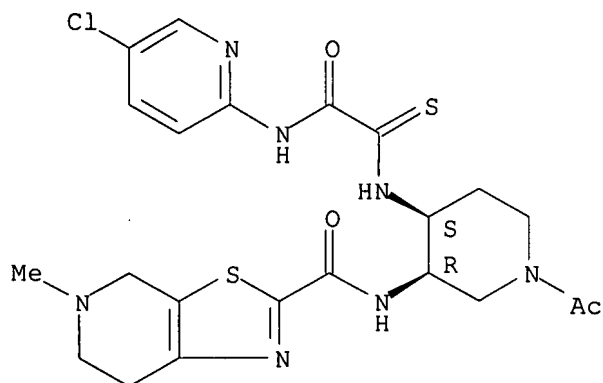
● HCl

RN 912481-39-1 HCAPLUS  
CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-1-acetyl-4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

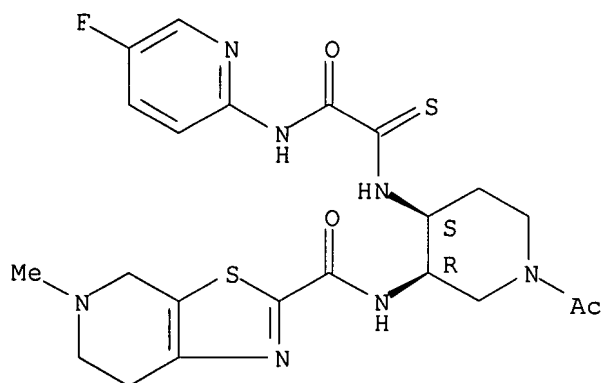


● HCl

RN 912481-40-4 HCAPLUS

CN Thiazolo[5,4-c]pyridine-2-carboxamide, N-[(3R,4S)-1-acetyl-4-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-piperidinyl]-4,5,6,7-tetrahydro-5-methyl-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

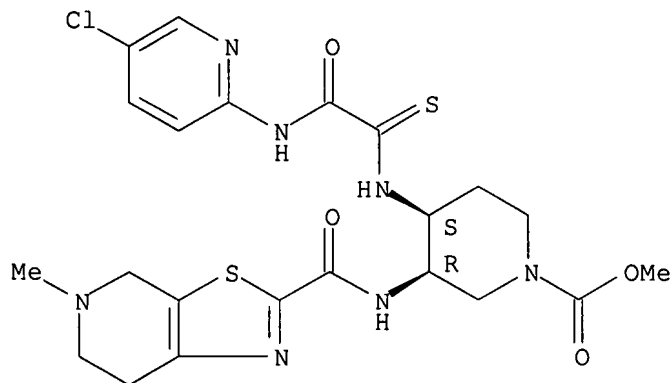
RN 912481-41-5 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[2-[(5-chloro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino-, methyl ester, monohydrochloride, (3R,4S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

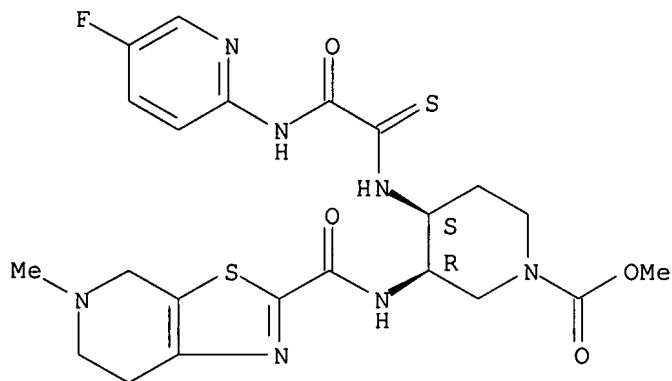


● HCl

RN 912481-42-6 HCAPLUS

CN 1-Piperidinecarboxylic acid, 4-[[2-[(5-fluoro-2-pyridinyl)amino]-2-oxo-1-thioxoethyl]amino]-3-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino-, methyl ester, monohydrochloride, (3R,4S)- (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



● HCl

REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

L1 STRUCTURE' UPLOADED

L2 17 S L1

Updated Search

10773344

L3 261 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4 12 S L3  
L5 5 S L4 AND OHTA, T?/AU  
L6 7 S L4 NOT L5  
L7 0 S L6 AND KOMORIYA, S?/AU  
L8 1 S L6 AND YOSHINO, T?/AU  
L9 6 S L6 NOT L8  
L10 0 S L9 AND UOTO, K?/AU  
L11 0 S L9 AND NAKAMOTO, Y?/AU  
L12 0 S L9 AND NAITO, H?/AU  
L13 1 S L9 AND MOCHIZUKI, A?/AU

=> s 19 not 113

L14 5 L9 NOT L13

=> s 114 and nagata, t?/au

3018 NAGATA, T?/AU

L15 0 L14 AND NAGATA, T?/AU

=> s 114 and kanno, h?/au

920 KANNO, H?/AU

L16 0 L14 AND KANNO, H?/AU

=> s 114 and haginoya, n?/au

29 HAGINOYA, N?/AU

L17 0 L14 AND HAGINOYA, N?/AU

=> s 114 and yoshikawa, k?/au

3608 YOSHIKAWA, K?/AU

L18 0 L14 AND YOSHIKAWA, K?/AU

=> s 114 and nagamochi, m?/au

25 NAGAMOCHI, M?/AU

L19 0 L14 AND NAGAMOCHI, M?/AU

=> s 114 and kobayashi, s?/au

12907 KOBAYASHI, S?/AU

L20 0 L14 AND KOBAYASHI, S?/AU

=> s 114 and ono, m?/au

5932 ONO, M?/AU

L21 0 L14 AND ONO, M?/AU

=> d 114, ibib abs hitstr, 1-5

L14 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2007:585516 HCAPLUS

DOCUMENT NUMBER: 147:23759

TITLE: Prophylactic and/or therapeutic agents containing heterocyclic diamines and integrin antagonists for treatment of thrombosis and embolism

INVENTOR(S): Fukuda, Toshio

PATENT ASSIGNEE(S): Daiichi Seiyaku Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 26pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

Updated Search

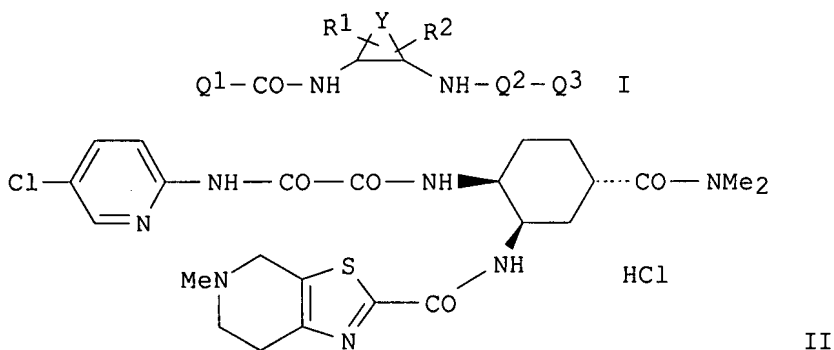
10773344

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2007131576	A	20070531	JP 2005-325904	20051110
PRIORITY APPLN. INFO.:			JP 2005-325904	20051110
OTHER SOURCE(S):		MARPAT 147:23759		

GI



AB Title agents contain heterocyclic diamines I [Q1 = (un)substituted 4,5,6,7-tetrahydrothiazolo[5,4-c]- or [4,5-c]pyridin-2-yl, 4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl, 4,5,6,7-tetrahydrooxazolo[5,4-c]pyridin-2-yl, etc.; Y = C1-8 alkylene, (CH<sub>2</sub>)<sub>p</sub>A(CH<sub>2</sub>)<sub>q</sub> (p, q = 1-3; p + q = 2-4; A = O, N, S, SO, SO<sub>2</sub>, NH); R1, R2 = H, OH, (acyl)amino, CO<sub>2</sub>H, O, (halo)alkyl, acyl, alkoxy, (un)substituted carbamoyl, (un)substituted 3- to 6-membered heterocyclyl(carbonyl), etc.; Q3 = CO, SO<sub>2</sub>, COCONH, CSCONH, COCSNH, CSCSNH; Q4 = (un)substituted Ph, naphthyl, pyridyl, pyrimidinyl, pyrazinyl, indolyl, benzimidazolyl, furyl, styryl, etc.], their salts, or solvates, and GPIIb/IIIa antagonists as active ingredients. The agents cause no severe adverse effects, e.g., bleeding, and are useful even in patients with low blood antithrombin III level. Thus, abciximab at 8 μg/mL and N1-(5-chloropyridin-2-yl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]ethanediamide HCl salt (II) at 1.0 μmol/L inhibited thrombin-induced platelet aggregation by .apprx.80%, vs. .apprx.70% or 0%, for abciximab or II alone.

IT 480448-29-1D, mixts. containing 937783-61-4  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (platelet aggregation inhibitors containing heterocyclic diamines and GPIIb/IIIa antagonists for prolonged treatment of thrombosis and embolism)

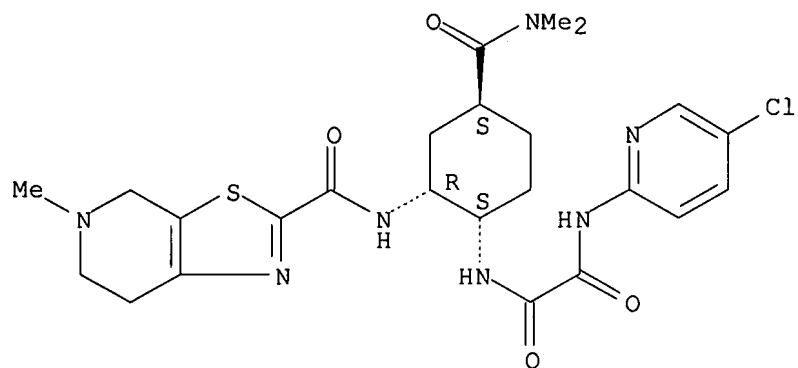
RN 480448-29-1 HCAPLUS  
 CN Ethanediamide, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



10773344



● HCl

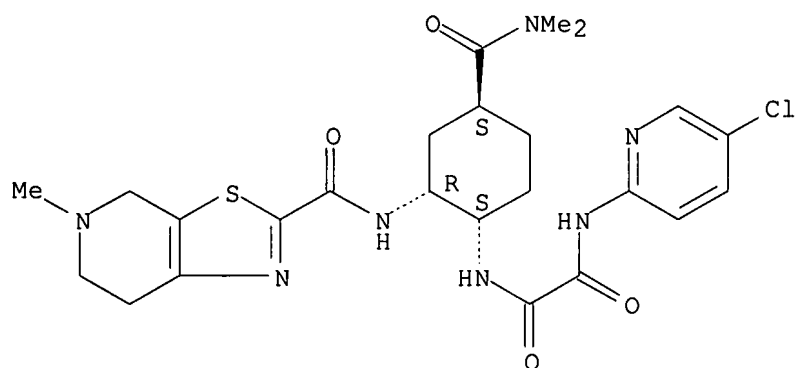
RN 937783-61-4 HCAPLUS  
CN Immunoglobulin G1, anti-(human integrin  $\alpha$ Ib $\beta$ 3) Fab fragment  
(human-mouse monoclonal c7E3 clone p7E3VHhCyl  $\gamma$ 1-chain),  
disulfide with human-mouse monoclonal c7E3 clone p7E3VkhCk  
 $\kappa$ -chain, mixt. with N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]ethanediamide hydrochloride (1:1)  
(CA INDEX NAME)

CM 1

CRN 480448-29-1

CMF C24 H30 Cl N7 O4 S . Cl H

Absolute stereochemistry.



● HCl

CM 2

CRN 143653-53-6

CMF Unspecified

Updated Search

10773344

CCI MAN

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

L14 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2007:329358 HCAPLUS

DOCUMENT NUMBER: 146:358502

TITLE: Process for the preparation of optically active  
cyclohexane-1,2-diamine derivative from  
7-oxabicyclo[4.1.0]heptane compound

INVENTOR(S): Sato, Koji; Kawanami, Kotaro; Yagi, Tsutomu

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 140pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

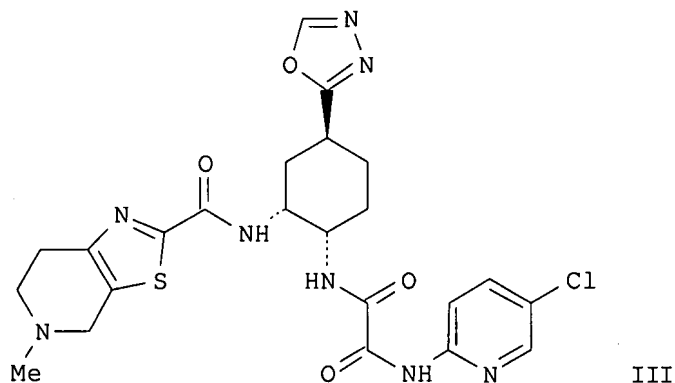
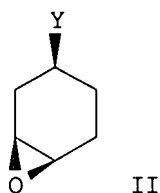
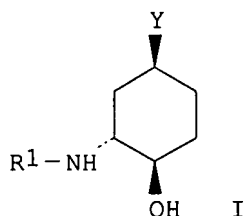
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007032498	A1	20070322	WO 2006-JP318432	20060915
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
JP 2007106759	A	20070426	JP 2006-252363	20060919
PRIORITY APPLN. INFO.:			JP 2005-269642	A 20050916

OTHER SOURCE(S): MARPAT 146:358502

GI

no

10773344



AB Process for producing compound I [R1 = alkoxycarbonyl; Y = -COR; R = alkoxy, aryloxy, alkenyloxy, etc.], characterized by (1) reaction of compound II [Y = same as above] with ammonia/water or ammonia/alc. (2) treatment with dialkyl dicarbonate, was provided. For example, to a solution of Et (1S,3S,6R)-7-oxabicyclo[4.1.0]heptane-3-carboxylate (5.00 g) in ethanol (25 mL) was added 28% ammonia-water (50 mL) at room temperature, the reaction was stirred at 40° for 24 h. Removal of solvent under reduced pressure afforded Et (1S,3R,4R)-3-amino-4-hydroxycyclohexanecarboxylate (5.25 g). The obtained product in ethanol (10 mL) was treated with di-tert-Bu dicarboxylate (7.69 g)/ethanol (5 mL) at room temperature for 1 h to give Et (1S,3R,4R)-3-[(tert-butoxycarbonyl)amino]-4-hydroxycyclohexanecarboxylate (5.42 g), which was converted into compound III in a multi-step process.

IT 480449-70-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(EDCI mediated acylation of chiral 2-[(5-chloropyridin-2-yl)amino(oxo)acetyl]amino)-4-dimethylaminocarbonylcyclohexylamine with 5-methyl-4,5,6,7-tetrahydro[1,3]thiazolo[5,4-c]pyridine-2-carboxylic acid)

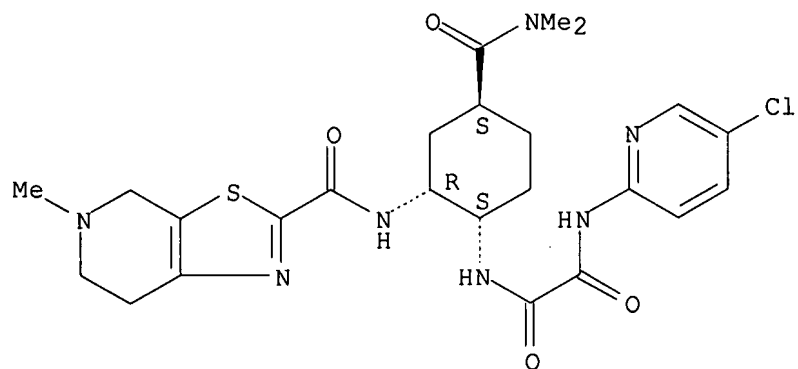
RN 480449-70-5 HCAPLUS

CN Ethanediamide, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]- (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344



IT 480449-71-6P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of chiral N-(5-chloropyridin-2-yl)-N'-[4-(dimethylcarbamoyl)-2-  
[[ (5-methyl-4,5,6,7-tetrahydro[1,3]thiazolo[5,4-c]pyridin-2-  
yl)carbonyl]amino]cyclohexyl]ethanediamide p-toluenesulfonate)

RN 480449-71-6 HCAPLUS

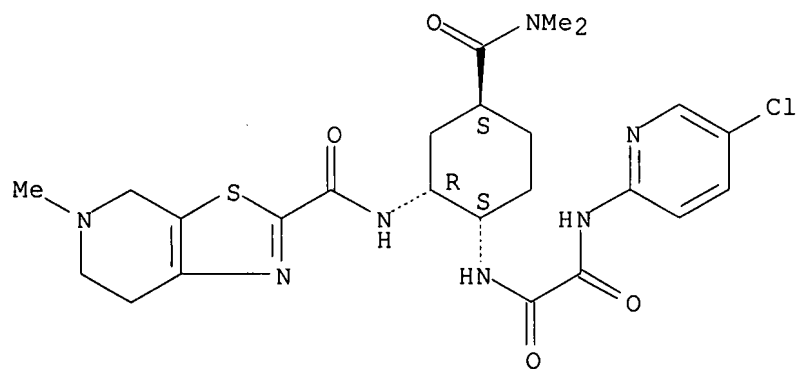
CN Ethanediamide, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[ (4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, 4-methylbenzenesulfonate (1:1)  
(CA INDEX NAME)

CM 1

CRN 480449-70-5

CMF C24 H30 Cl N7 O4 S

Absolute stereochemistry.



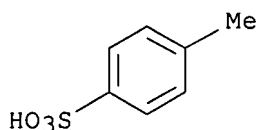
CM 2

CRN 104-15-4

CMF C7 H8 O3 S

Updated Search

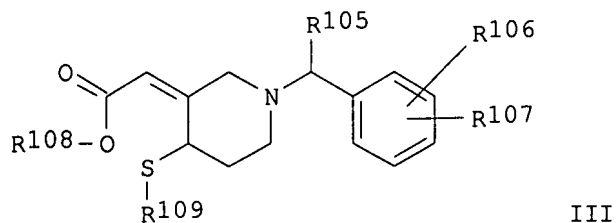
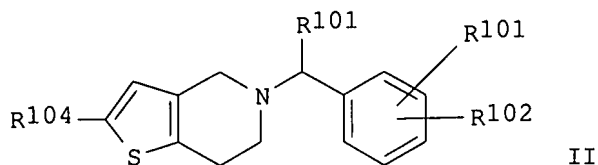
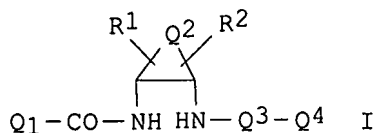
10773344



REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2006:170095 HCAPLUS  
DOCUMENT NUMBER: 144:226296  
TITLE: Oral prophylactic agents for thrombosis and embolism  
INVENTOR(S): Morishima, Yoshiyuki; Watanabe, Kengo  
PATENT ASSIGNEE(S): Daiichi Seiyaku Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 29 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006052208	A	20060223	JP 2005-202010	20050711
PRIORITY APPLN. INFO.:			JP 2004-205486	A 20040713
OTHER SOURCE(S):	MARPAT	144:226296		
GI				



AB Title agents contain diamines I [Q1 = (un)substituted 4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl, 4,5,6,7-tetrahydrothiazolo[4,5-c]pyridin-2-yl, 4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl, 4,5,6,7-tetrahydrooxazolo[5,4-c]pyridin-2-yl, 4,6-dihydro-5H-pyrrolo[3,4-

Updated Search

d]thiazol-2-yl, etc.; Q2 = C1-8 alkylene, (CH<sub>2</sub>)<sub>p</sub>A(CH<sub>2</sub>)<sub>q</sub> (p, q = 1-3; p + q = 2-4); A = O, N, S, SO, SO<sub>2</sub>, NH; R1, R2 = H, OH, NH<sub>2</sub>, CO<sub>2</sub>H, (halo)alkyl, acyl, alkoxyalkyl, (un)substituted acylamino, (un)substituted 3- to 6-membered heterocyclylcarbonyl, etc.; Q3 = CO, SO<sub>2</sub>, COCONH, CCONH, COCSNH, CCONH; Q4 = (un)substituted Ph, naphthyl, pyridyl, pyrimidyl, indolyl, benzothienyl, furyl, etc.] and antiplatelet agents chosen from aspirin, sarpogrelate, limaprost, cilostazol, and piperidines II or III [R101, R105 = H, lower alkyl, lower alkoxyalkyl, lower alkylcarbonyl; R102, R103, R106, R107 = H, lower alkyl, halo; R104 = H, OH, lower alkylcarbonyloxy; R108 = H, lower alkyl; R109 = H, lower alkylcarbonyl] as active ingredients. Thus, combination use of N1-(5-chloropyridin-2-yl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]ethanediamide HCl salt (IV) and ticlopidine prevented 75% thrombosis formation in rats. CYP2D6- and CYP3A4-dependent metabolism of IV was 0.1-0.81 pmol/pmol/CYP/min, suggesting nonsusceptibility of IV to the enzymes.

IT 480448-29-1

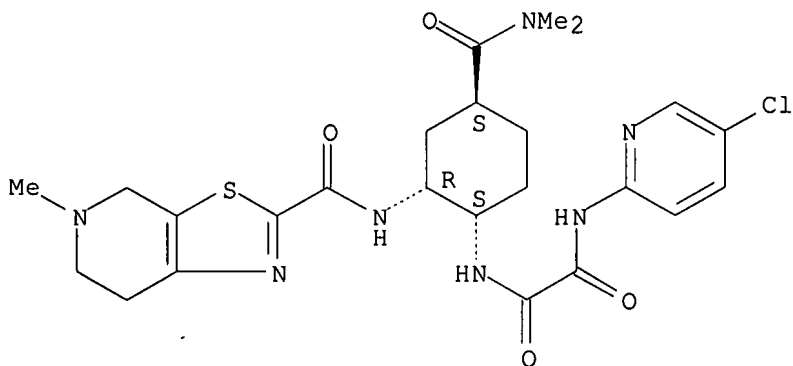
RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(combination use of diamines and antiplatelet agents for oral prophylactic agents for thrombosis and embolism)

RN 480448-29-1 HCAPLUS

CN Ethanediame, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

L14 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:99047 HCAPLUS

DOCUMENT NUMBER: 144:177476

TITLE: Pharmaceuticals containing tissue plasminogen activator and its enhancers for treatment of thrombosis and embolism

INVENTOR(S): Morishima, Yoshiyuki

PATENT ASSIGNEE(S): Daiichi Seiyaku Co., Ltd., Japan

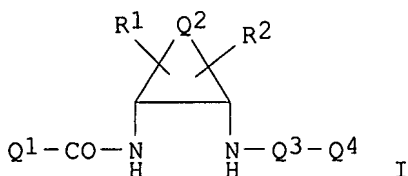
SOURCE: Jpn. Kokai Tokkyo Koho, 23 pp.

Updated Search

10773344

DOCUMENT TYPE: CODEN: JKXXAF  
 LANGUAGE: Patent  
 FAMILY ACC. NUM. COUNT: 1 Japanese  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2006028025	A	20060202	JP 2004-204724	20040712
PRIORITY APPLN. INFO.:			JP 2004-204724	20040712
OTHER SOURCE(S):	MARPAT 144:177476			
GI				



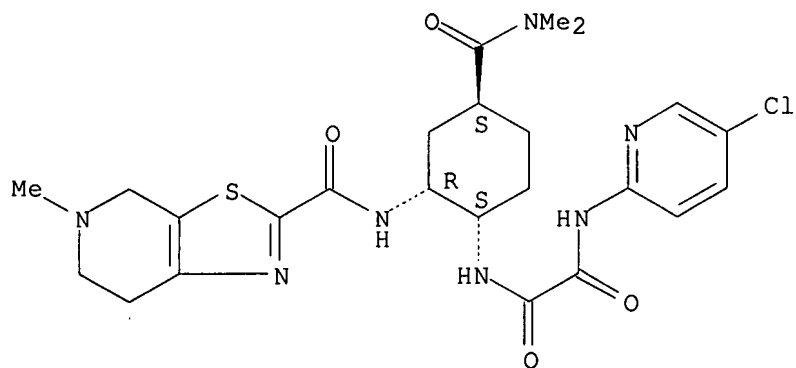
AB Title pharmaceuticals contain t-PA and diamides I [Q1 = (un)substituted 4,5,6,7-tetrahydrothiazolo[5,4-c]- or [4,5-c]pyridin-2-yl, 4,5,6,7-tetrahydrothieno[2,3-c]pyridin-2-yl, 4,5,6,7-tetrahydrooxazolo[5,4-c]pyridin-2-yl, 4,6-dihydro-5H-pyrrolo[3,4-d]thiazol-2-yl, etc.; Q2 = C1-8 alkylene, (CH2)pA(CH2)q; p, q = 1-3; p + q = 2-4; A = O, N, S, SO, SO2, NH; R1, R2 = H, OH, NH2, CO2H, (halo)alkyl, acyl, alkoxy, N-alkoxycarbamoyl, (un)substituted 3- to 6-membered heterocyclylcarbonyl, etc.; Q3 = CO, SO2, COCONH, CSCONH, etc.; Q4 = (un)substituted Ph, naphthyl, pyridyl, indolyl, benzofuranyl, furyl, etc.] as active ingredients. Thus, sep. i.v. bolus administration of 1 mg/kg N1-(5-chloropyridin-2-yl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]ethanediamide HCl and 1000 I.U./kg Pamiteplase (t-PA) to rats with thrombosis showed significant thrombolytic activity.

IT 480448-29-1  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (thrombolytic agents containing tissue-plasminogen activator and diamide enhancers)

RN 480448-29-1 HCAPLUS  
 CN Ethanediamide, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-[(dimethylamino)carbonyl]-2-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]cyclohexyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search



● HCl

L14 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:451390 HCAPLUS

DOCUMENT NUMBER: 143:7701

TITLE: Process for preparation of tetrahydrothiazolo[5,4-c]pyridine derivatives

INVENTOR(S): Nagasawa, Hiroshi; Sato, Koji; Yagi, Tsutomu; Kitani, Yasuo

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 156 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005047296	A1	20050526	WO 2004-JP16874	20041112
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BE, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2545730	A1	20050526	CA 2004-2545730	20041112
EP 1683800	A1	20060726	EP 2004-818528	20041112
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
CN 1878778	A	20061213	CN 2004-80033384	20041112
US 2007135476	A1	20070614	US 2006-578844	20060510
MX 2006PA05305	A	20060711	MX 2006-PA5305	20060511
PRIORITY APPLN. INFO.:			JP 2003-382382	A 20031112
			JP 2003-382383	A 20031112
			JP 2003-382384	A 20031112



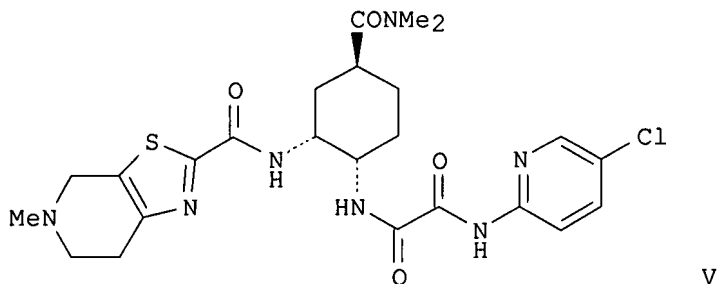
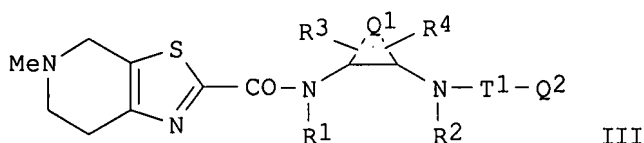
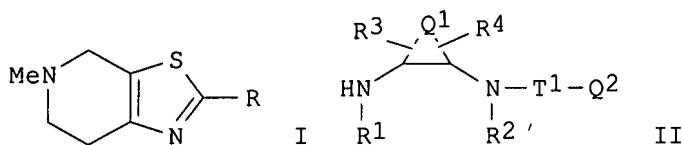
10773344

WO 2004-JP16874

W 20041112

OTHER SOURCE(S):  
GI

MARPAT 143:7701



AB A process for the preparation of title compds. of formula I and the product of the reaction of I (R = CO<sub>2</sub>H) with II (R<sub>1</sub>, R<sub>2</sub> = independently H, OH, alkyl or alkoxy; Q<sub>1</sub> = alkylene, alkenylene, or -(CH<sub>2</sub>)<sub>m</sub>-CH<sub>2</sub>-A-CH<sub>2</sub>-(CH<sub>2</sub>)<sub>n</sub>-; m, n = independently 0-3; A = O, S, NH, etc.; R<sub>3</sub>, R<sub>4</sub> = independently H, OH, alkyl, halo, etc.; T<sub>1</sub> = C:O, SO<sub>2</sub>, C:O-N:N-, etc.; Q<sub>2</sub> = substituted aryl(alkenyl), heteroaryl, arylalkyl, etc.) to produce III, and the salts of I and III, is disclosed. For example, reaction of 1-methyl-4-piperidone with cyanamide and sulfur powder, gave IV, I (R = NH<sub>2</sub>). Starting from IV, I (R = CO<sub>2</sub>H) was prepared by three different routes: (1) bromination of IV with 47% HBr and cyanation with NaCN/CuCN, followed by hydrolysis; (2) reduction of IV to give I (R = H) and reaction with trichloroacetyl chloride; (3) bromination of IV and followed by reaction with n-butyllithium and CO<sub>2</sub> gas. Amidation of I (R = CO<sub>2</sub>H) with N-[(1S,2R,4S)-2-amino-4-[(dimethylamino)carbonyl]cyclohexyl]-N'-(5-chloro-2-pyridinyl)ethanediamide provided V. I (R = CO<sub>2</sub>H) is an important intermediate of the inhibitor of blood-coagulation factor Xa.

IT 480449-70-5P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of tetrahydrothiazolo[5,4-c]pyridine derivs. from  
1-methyl-4-piperidone)

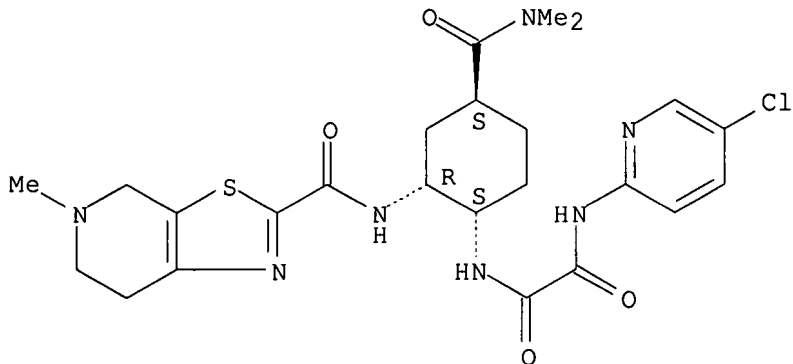
RN 480449-70-5 HCAPLUS

CN Ethanediamide, N1-(5-chloro-2-pyridinyl)-N2-[(1S,2R,4S)-4-  
[(dimethylamino)carbonyl]-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-  
c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (CA INDEX NAME)

Updated Search

10773344

Absolute stereochemistry.



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file caold  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
78.84	255.20

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-9.36	-9.36

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FILE COVERS 1907-1966  
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

L1 STRUCTURE UPLOADED

L2 17 S L1

L3 261 S L1 FULL

Updated Search

10773344

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4 12 S L3  
L5 5 S L4 AND OHTA, T?/AU  
L6 7 S L4 NOT L5  
L7 0 S L6 AND KOMORIYA, S?/AU  
L8 1 S L6 AND YOSHINO, T?/AU  
L9 6 S L6 NOT L8  
L10 0 S L9 AND UOTO, K?/AU  
L11 0 S L9 AND NAKAMOTO, Y?/AU  
L12 0 S L9 AND NAITO, H?/AU  
L13 1 S L9 AND MOCHIZUKI, A?/AU  
L14 5 S L9 NOT L13  
L15 0 S L14 AND NAGATA, T?/AU  
L16 0 S L14 AND KANNO, H?/AU  
L17 0 S L14 AND HAGINOYA, N?/AU  
L18 0 S L14 AND YOSHIKAWA, K?/AU  
L19 0 S L14 AND NAGAMACHI, M?/AU  
L20 0 S L14 AND KOBAYASHI, S?/AU  
L21 0 S L14 AND ONO, M?/AU

FILE 'CAOLD' ENTERED AT 12:07:02 ON 14 SEP 2007

=> s 13

L22 0 L3

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.45	255.65

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-9.36

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STRUCTURE FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

DICTIONARY FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

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<http://www.cas.org/support/stngen/stndoc/properties.html>

Updated Search

10773344

=>

Uploading C:\Documents and Settings\brobinson1\My  
Documents\stnweb\Queries\sdfsdfm.str

L23        STRUCTURE UPLOADED

=> d 123

L23 HAS NO ANSWERS  
L23        STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s 123

SAMPLE SEARCH INITIATED 12:10:25 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -        1526 TO ITERATE

100.0% PROCESSED        1526 ITERATIONS        1 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                             BATCH    \*\*COMPLETE\*\*  
PROJECTED ITERATIONS:        28177 TO        32863  
PROJECTED ANSWERS:            1 TO        80

L24        1 SEA SSS SAM L23

=> s 123 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y  
FULL SEARCH INITIATED 12:10:31 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -        30355 TO ITERATE

100.0% PROCESSED        30355 ITERATIONS        4 ANSWERS  
SEARCH TIME: 00.00.05

L25        4 SEA SSS FUL L23

=> d his

(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

L1        STRUCTURE UPLOADED  
L2        17 S L1  
L3        261 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4        12 S L3  
L5        5 S L4 AND OHTA, T?/AU  
L6        7 S L4 NOT L5  
L7        0 S L6 AND KOMORIYA, S?/AU  
L8        1 S L6 AND YOSHINO, T?/AU  
L9        6 S L6 NOT L8  
L10       0 S L9 AND UOTO, K?/AU  
L11       0 S L9 AND NAKAMOTO, Y?/AU

Updated Search

10773344

L12 0 S L9 AND NAITO, H?/AU  
L13 1 S L9 AND MOCHIZUKI, A?/AU  
L14 5 S L9 NOT L13  
L15 0 S L14 AND NAGATA, T?/AU  
L16 0 S L14 AND KANNO, H?/AU  
L17 0 S L14 AND HAGINOYA, N?/AU  
L18 0 S L14 AND YOSHIKAWA, K?/AU  
L19 0 S L14 AND NAGAMOCCHI, M?/AU  
L20 0 S L14 AND KOBAYASHI, S?/AU  
L21 0 S L14 AND ONO, M?/AU

FILE 'CAOLD' ENTERED AT 12:07:02 ON 14 SEP 2007  
L22 0 S L3

FILE 'REGISTRY' ENTERED AT 12:07:12 ON 14 SEP 2007  
L23 STRUCTURE UPLOADED  
L24 1 S L23  
L25 4 S L23 FULL

=> s 125 not 13  
L26 4 L25 NOT L3

=> file hcaplus		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	174.35	430.00
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-9.36

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FILE COVERS 1907 - 14 Sep 2007 VOL 147 ISS 13  
FILE LAST UPDATED: 13 Sep 2007 (20070913/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 126  
L27 2 L26  
=> s 127 and ohta, t?/au

Updated Search

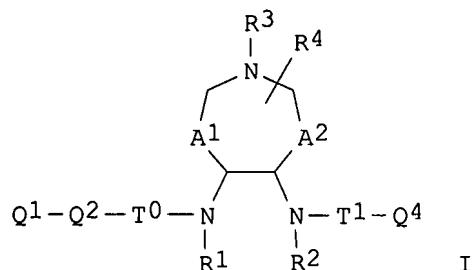
10773344

4029 OHTA, T?/AU  
L28 0 L27 AND OHTA, T?/AU  
=> s l27 and komoriya, s?/au  
31 KOMORIYA, S?/AU  
L29 0 L27 AND KOMORIYA, S?/AU  
=> d l27, ibib abs hitstr, 1-2

L27 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2006:1066699 HCAPLUS  
DOCUMENT NUMBER: 145:419128  
TITLE: Preparation of triamine derivatives containing  
heterocycllyl moieties as FXa inhibitors  
INVENTOR(S): Mochizuki, Akiyoshi; Nagata, Tsutomu  
PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan  
SOURCE: PCT Int. Appl., 232pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006106963	A1	20061012	WO 2006-JP306930	20060331
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.: JP 2005-100335 A 20050331  
OTHER SOURCE(S): MARPAT 145:419128  
GI



AB The title compds. I [A1 is (CH2)m; A2 is (CH2)n; each of R1 and R2

Updated Search

independently is a hydrogen atom, hydroxyl, an alkyl or an alkoxy; Q1 is an optionally substituted saturated or unsatd. bicyclic or tricyclic condensed hydrocarbon group or an optionally substituted saturated or unsatd. bicyclic or tricyclic condensed heterocyclic group, etc.; Q2 is a single bond, a linear or branched C1-C6 alkylene, a linear or branched C2-C6 alkenylene, etc.; each of R3 and R4 is H, an alkyl, an alkenyl, etc.; each of m and n is a number of 0 to 3; Q4 is an (un)substituted aryl, (un)substituted arylalkenyl, (un)substituted arylalkynyl, etc.; T0 is carbonyl or thiocarbonyl; T1 is carbonyl, sulfonyl, etc.] are prepared Thus, N1-(5-chloropyridin-2-yl)-N2-((3R,4S)-1-methyl-3-((5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl)amino)piperidin-4-yl)ethanediamide hydrochloride was prepared in a multistep process from (4R)-4-formyl-2,2-dimethyl-1,3-oxazolidine-3-carboxylic acid tert-Bu ester and (carboethoxymethylene)triphenylphosphorane. In a test for the inhibition of human blood-coagulation factor Xa, compds. of this invention showed IC50 values of 0.9 nM to 3 nM.

IT 912481-13-1P

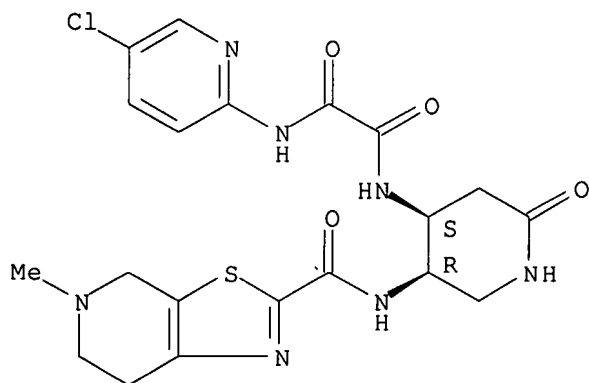
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of triamine derivs. containing heterocyclyl moieties as FXa inhibitors)

RN 912481-13-1 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(4S,5R)-2-oxo-5-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L27 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1968:22392 HCAPLUS  
 DOCUMENT NUMBER: 68:22392  
 TITLE: Heterocyclic amide polymers  
 INVENTOR(S): Bach, Hartwig C.; Preston, Jack  
 PATENT ASSIGNEE(S): Monsanto Co.  
 SOURCE: U.S., 6 pp.

Updated Search

10773344

CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3354120		19671121	US 1964-347355	19640226

GI For diagram(s), see printed CA Issue.

AB Polymers composed of structural units of the types HNY'NHCOYCO, II, and III, where Y and Y' are aromatic groups RXXR, where R is a hydrocarbon aromatic trivalent radical, X is a heterocyclic radical of 5-6 ring members containing 1-2 hetero atoms from As, N, O, P, S, and Se, are prepared. The polymers have amide linkages and  $\geq 1$  bis-heterocyclic linkage fused to aromatic radicals in each repeating unit, and they are useful as fibers, filaments, films, and shaped articles. Thus, 12.7 g. oxalyl chloride in 65 ml. dry C<sub>6</sub>H<sub>6</sub> was added to a slurry of 31 g. 2-amino-4-nitrophenol in 300 ml. C<sub>6</sub>H<sub>6</sub>, the mixture was refluxed 2 hrs., the C<sub>6</sub>H<sub>6</sub> was distilled under reduced pressure to give 35 g. N,N'-bis(3-amino-6-hydroxyphenyl)oxamide (IV), m. 307-10° (MeCONMe<sub>2</sub>). IV (6 g.) was refluxed 2 hrs. with a solution of 23 g. SnCl<sub>2</sub>.H<sub>2</sub>O, 25ml. HCl, and 25 ml. EtOH. The mixture was cooled, filtered, the residue was washed with EtOH, and dried to give 4 g. crude diamine dihydrochloride (V). V was dropped into 200 ml. boiling water containing 30 ml. N HCl, the mixture was filtered, and the filtrate was neutralized with NH<sub>4</sub>OH to give a diamine precipitate, which

was collected, washed with H<sub>2</sub>O, and dried. The diamine (0.3 g.) was dissolved in 2 ml. MeCONMe<sub>2</sub> containing 3% LiCl, cooled to -30°, and 0.20 g. isophthalyl chloride added. The solution was warmed to room

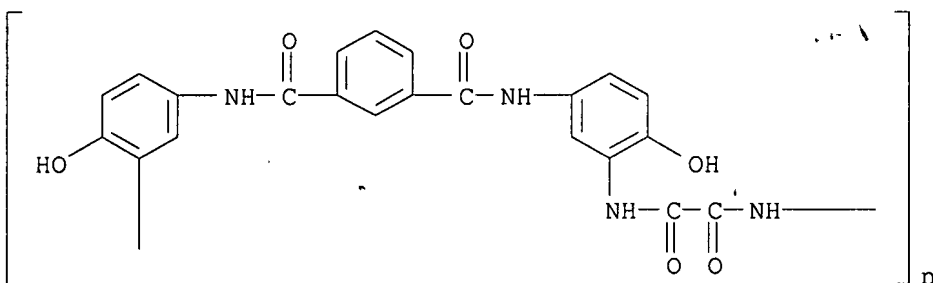
temperature, neutralized with 0.05 g. LiOH, and a film was cast to give III (Z = O, R = C<sub>6</sub>H<sub>4</sub>). The diamine (0.15 g.) in 1 ml. MeCONMe<sub>2</sub> containing 7% LiCl was cooled to -30° and 0.14 g. 4,4'-bibenzoyl chloride was added, the mixture was warmed to room temperature, the unneutralized dope was spread onto a glass plate and baked at 140° to give a clear film that, when heated at high temps., was converted to III (Z = O, R = p-C<sub>6</sub>H<sub>4</sub>C<sub>6</sub>H<sub>4</sub>). Also, a polymer was prepared from 5 g. diaminoindigo with isophthaloyl chloride by using LiCl and MeCONMe<sub>2</sub>.

IT 31813-46-4 31813-47-5

RL: USES (Uses)  
 (fiber- and film-formable)

RN 31813-46-4 HCAPLUS

CN Poly[imino(1,2-dioxo-1,2-ethanediyl)imino(6-hydroxy-1,3-phenylene)iminocarbonyl-1,3-phenylenecarbonylimino(4-hydroxy-1,3-phenylene)] (9CI) (CA INDEX NAME)

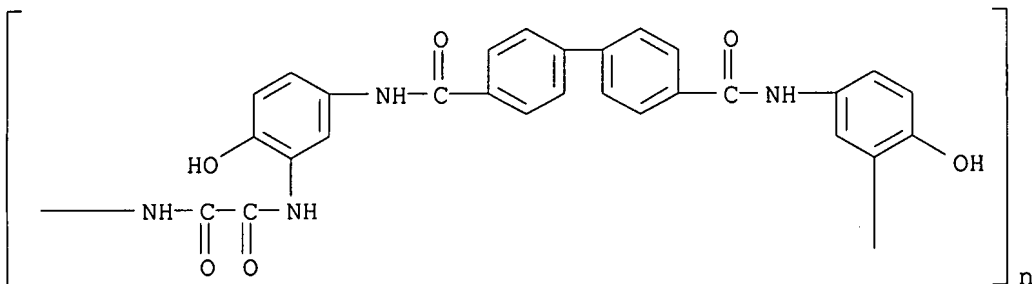


Updated Search



10773344

RN 31813-47-5 HCAPLUS  
CN Poly[imino(1,2-dioxo-1,2-ethanediyl)imino(6-hydroxy-1,3-phenylene)iminocarbonyl[1,1'-biphenyl]-4,4'-diylcarbonylimino(4-hydroxy-1,3-phenylene)] (9CI) (CA INDEX NAME)



=> file caold  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
13.14	443.14

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.56	-10.92

CA SUBSCRIBER PRICE

FILE 'CAOLD' ENTERED AT 12:11:20 ON 14 SEP 2007  
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FILE COVERS 1907-1966  
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

L1 STRUCTURE UPLOADED  
L2 17 S L1  
L3 261 S L1 FULL

Updated Search

10773344

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4 12 S L3  
L5 5 S L4 AND OHTA, T?/AU  
L6 7 S L4 NOT L5  
L7 0 S L6 AND KOMORIYA, S?/AU  
L8 1 S L6 AND YOSHINO, T?/AU  
L9 6 S L6 NOT L8  
L10 0 S L9 AND UOTO, K?/AU  
L11 0 S L9 AND NAKAMOTO, Y?/AU  
L12 0 S L9 AND NAITO, H?/AU  
L13 1 S L9 AND MOCHIZUKI, A?/AU  
L14 5 S L9 NOT L13  
L15 0 S L14 AND NAGATA, T?/AU  
L16 0 S L14 AND KANNO, H?/AU  
L17 0 S L14 AND HAGINOYA, N?/AU  
L18 0 S L14 AND YOSHIKAWA, K?/AU  
L19 0 S L14 AND NAGAMACHI, M?/AU  
L20 0 S L14 AND KOBAYASHI, S?/AU  
L21 0 S L14 AND ONO, M?/AU

FILE 'CAOLD' ENTERED AT 12:07:02 ON 14 SEP 2007

L22 0 S L3

FILE 'REGISTRY' ENTERED AT 12:07:12 ON 14 SEP 2007

L23 STRUCTURE UPLOADED  
L24 1 S L23  
L25 4 S L23 FULL  
L26 4 S L25 NOT L3

FILE 'HCAPLUS' ENTERED AT 12:10:46 ON 14 SEP 2007

L27 2 S L26  
L28 0 S L27 AND OHTA, T?/AU  
L29 0 S L27 AND KOMORIYA, S?/AU

FILE 'CAOLD' ENTERED AT 12:11:20 ON 14 SEP 2007

=> s 126

L30 0 L26

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.45	443.59
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-10.92

FILE 'REGISTRY' ENTERED AT 12:11:28 ON 14 SEP 2007

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9  
DICTIONARY FILE UPDATES: 13 SEP 2007 HIGHEST RN 947061-18-9

Updated Search

10773344

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
predicted properties as well as tags indicating availability of  
experimental property data in the original document. For information  
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Documents and Settings\brobinson1\My  
Documents\stnweb\Queries\werwerw.str

L31        STRUCTURE UPLOADED

=> s l31

SEARCH FAILED DUE TO A STRUCTURE QUERY ERROR

The structure query could not be searched. Please review and revise  
your structure query, especially checking the variable definitions and  
attachments. In rare instances the failure may be due to a system  
problem. Please contact your local STN Help Desk if you need  
assistance.

=>

Uploading C:\Documents and Settings\brobinson1\My  
Documents\stnweb\Queries\werwernmj.str

L32        STRUCTURE UPLOADED

=> s l32

SAMPLE SEARCH INITIATED 12:13:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED -        1526 TO ITERATE

100.0% PROCESSED        1526 ITERATIONS

19 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:    ONLINE    \*\*COMPLETE\*\*  
                              BATCH    \*\*COMPLETE\*\*

PROJECTED ITERATIONS:        28177 TO        32863

PROJECTED ANSWERS:            119 TO        641

L33        19 SEA SSS SAM L32

=> s l32 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 171.65 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 12:13:55 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED -        30355 TO ITERATE

100.0% PROCESSED        30355 ITERATIONS

280 ANSWERS

SEARCH TIME: 00.00.05

L34        280 SEA SSS FUL L32

Updated Search

10773344

=> d his

(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

L1 STRUCTURE UPLOADED

L2 17 S L1

L3 261 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4 12 S L3

L5 5 S L4 AND OHTA, T?/AU

L6 7 S L4 NOT L5

L7 0 S L6 AND KOMORIYA, S?/AU

L8 1 S L6 AND YOSHINO, T?/AU

L9 6 S L6 NOT L8

L10 0 S L9 AND UOTO, K?/AU

L11 0 S L9 AND NAKAMOTO, Y?/AU

L12 0 S L9 AND NAITO, H?/AU

L13 1 S L9 AND MOCHIZUKI, A?/AU

L14 5 S L9 NOT L13

L15 0 S L14 AND NAGATA, T?/AU

L16 0 S L14 AND KANNO, H?/AU

L17 0 S L14 AND HAGINOYA, N?/AU

L18 0 S L14 AND YOSHIKAWA, K?/AU

L19 0 S L14 AND NAGAMOCCHI, M?/AU

L20 0 S L14 AND KOBAYASHI, S?/AU

L21 0 S L14 AND ONO, M?/AU

FILE 'CAOLD' ENTERED AT 12:07:02 ON 14 SEP 2007

L22 0 S L3

FILE 'REGISTRY' ENTERED AT 12:07:12 ON 14 SEP 2007

L23 STRUCTURE UPLOADED

L24 1 S L23

L25 4 S L23 FULL

L26 4 S L25 NOT L3

FILE 'HCAPLUS' ENTERED AT 12:10:46 ON 14 SEP 2007

L27 2 S L26

L28 0 S L27 AND OHTA, T?/AU

L29 0 S L27 AND KOMORIYA, S?/AU

FILE 'CAOLD' ENTERED AT 12:11:20 ON 14 SEP 2007

L30 0 S L26

FILE 'REGISTRY' ENTERED AT 12:11:28 ON 14 SEP 2007

L31 STRUCTURE UPLOADED

L32 STRUCTURE UPLOADED

L33 19 S L32

L34 280 S L32 FULL

=> s 134 notl 3

MISSING OPERATOR

=> s 134 not 13

L35 25 L34 NOT L3

=> s 135 not 126

Updated Search

10773344

L36 21 L35 NOT L26

=> file hcaplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
173.90	617.49

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-10.92

CA SUBSCRIBER PRICE

FILE 'HCAPLUS' ENTERED AT 12:14:23 ON 14 SEP 2007  
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FILE COVERS 1907 - 14 Sep 2007 VOL 147 ISS 13  
FILE LAST UPDATED: 13 Sep 2007 (20070913/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 136

L37 6 L36

=> s 137 and ohta, t?/au

4029 OHTA, T?/AU

L38 1 L37 AND OHTA, T?/AU

=> d 138, ibib abs hitstr, 1

L38 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:565212 HCAPLUS

DOCUMENT NUMBER: 141:106461

TITLE: Preparation of heterocyclyl moiety-containing diamine derivatives as factor Xa inhibitors

INVENTOR(S): Ohta, Toshiharu; Komoriya, Satoshi; Yoshino, Toshiharu; Uoto, Kouichi; Nakamoto, Yumi; Naito, Hiroyuki; Mochizuki, Akiyoshi; Nagata, Tsutomu; Kanno, Hideyuki; Haginoya, Noriyasu; Yoshikawa, Kenji; Nagamochi, Masatoshi; Kobayashi, Syozo; Ono, Makoto

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 1156 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

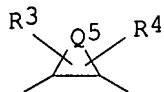
Updated Search

10773344

FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058715	A1	20040715	WO 2003-JP16783	20031225
W:			AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW	
RW:			BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG	
CA 2511493	A1	20040715	CA 2003-2511493	20031225
AU 2003292828	A1	20040722	AU 2003-292828	20031225
EP 1577301	A1	20050921	EP 2003-768266	20031225
R:			AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK	
CN 1751025	A	20060322	CN 2003-80109746	20031225
IN 2005DN02731	A	20070105	IN 2005-DN2731	20050621
MX 2005PA06989	A	20050922	MX 2005-PA6989	20050624
US 2006252837	A1	20061109	US 2006-540259	20060605
JP 2007070369	A	20070322	JP 2006-343643	20061220
PRIORITY APPLN. INFO.:			JP 2002-373787	A 20021225
			JP 2003-379163	A 20031107
			JP 2005-509755	A3 20031225
			WO 2003-JP16783	W 20031225

OTHER SOURCE(S): MARPAT 141:106461  
GI



I

AB The title compds. Q1-Q2-T0-N(R1)-Q3-N(R2)-T1-Q4 [R1 and R2 represent each hydrogen, etc.; Q1 represents optionally substituted and saturated or unsatd. 5- to 6-membered cyclic hydrocarbonyl, etc.; Q2 represents a single bond, etc.; Q3 represents I (wherein Q5 represent C1-8 alkylene, etc.; R3, R4 = H, alkyl, etc.; further detail on R3 and R4 is given); and T0 and T1 represent each carbonyl, etc.; Q4 represents (un)substituted aryl, etc.] its salt, solvates thereof or N-oxides of the same are prepared These compds. are useful as preventives and/or remedies for cerebral infarction, cerebral embolism, myocardial infarction, angina, pulmonary infarction, pulmonary embolism, Burger's disease, multiorgan dysfunction syndrome (MODS), thrombosis in extracorporeal circulation and blood coagulation in blood collection, etc. Compds. of this invention in vitro showed IC50 values of 0.72 nM to 86 nM against human factor Xa.

IT 720721-42-6P 720722-31-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of heterocyclyl moiety-containing diamines as factor Xa inhibitors)

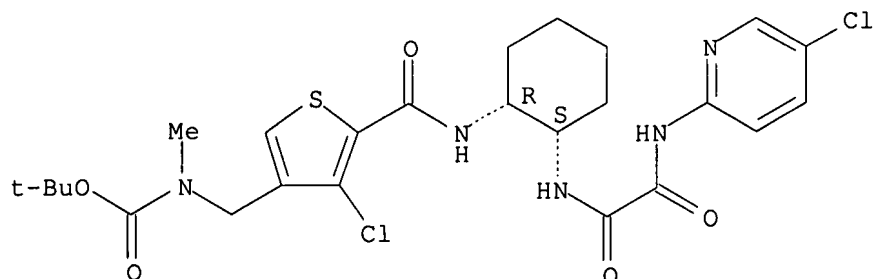
Updated Search

10773344

RN 720721-42-6 HCAPLUS

CN Carbamic acid, [[4-chloro-5-[[[(1R,2S)-2-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]cyclohexyl]amino]carbonyl]-3-thienyl]methyl]methyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

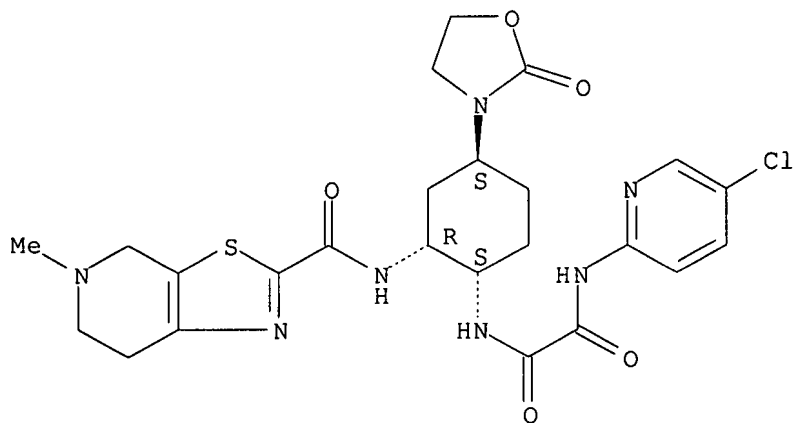
Absolute stereochemistry.



RN 720722-31-6 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(1S,2R,4S)-4-(2-oxo-3-oxazolidinyl)-2-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 11:57:36 ON 14 SEP 2007)

FILE 'REGISTRY' ENTERED AT 11:57:41 ON 14 SEP 2007

L1 STRUCTURE UPLOADED

L2 17 S L1

L3 261 S L1 FULL

FILE 'HAPLUS' ENTERED AT 12:03:37 ON 14 SEP 2007

L4 12 S L3

L5 5 S L4 AND OHTA, T?/AU

L6 7 S L4 NOT L5

L7 0 S L6 AND KOMORIYA, S?/AU

Updated Search

10773344

L8 1 S L6 AND YOSHINO, T?/AU  
L9 6 S L6 NOT L8  
L10 0 S L9 AND UOTO, K?/AU  
L11 0 S L9 AND NAKAMOTO, Y?/AU  
L12 0 S L9 AND NAITO, H?/AU  
L13 1 S L9 AND MOCHIZUKI, A?/AU  
L14 5 S L9 NOT L13  
L15 0 S L14 AND NAGATA, T?/AU  
L16 0 S L14 AND KANNO, H?/AU  
L17 0 S L14 AND HAGINOYA, N?/AU  
L18 0 S L14 AND YOSHIKAWA, K?/AU  
L19 0 S L14 AND NAGAMOCCHI, M?/AU  
L20 0 S L14 AND KOBAYASHI, S?/AU  
L21 0 S L14 AND ONO, M?/AU

FILE 'CAOLD' ENTERED AT 12:07:02 ON 14 SEP 2007  
L22 0 S L3

FILE 'REGISTRY' ENTERED AT 12:07:12 ON 14 SEP 2007  
L23 STRUCTURE UPLOADED  
L24 1 S L23  
L25 4 S L23 FULL  
L26 4 S L25 NOT L3

FILE 'HCAPLUS' ENTERED AT 12:10:46 ON 14 SEP 2007  
L27 2 S L26  
L28 0 S L27 AND OHTA, T?/AU  
L29 0 S L27 AND KOMORIYA, S?/AU

FILE 'CAOLD' ENTERED AT 12:11:20 ON 14 SEP 2007  
L30 0 S L26

FILE 'REGISTRY' ENTERED AT 12:11:28 ON 14 SEP 2007  
L31 STRUCTURE UPLOADED  
L32 STRUCTURE UPLOADED  
L33 19 S L32  
L34 280 S L32 FULL  
L35 25 S L34 NOT L3  
L36 21 S L35 NOT L26

FILE 'HCAPLUS' ENTERED AT 12:14:23 ON 14 SEP 2007  
L37 6 S L36  
L38 1 S L37 AND OHTA, T?/AU

=> s 137 not 138  
L39 5 L37 NOT L38

=> s 139 and komoriya, s?/au  
31 KOMORIYA, S?/AU  
L40 0 L39 AND KOMORIYA, S?/AU

=> s 139 and ono, m?/au  
5932 ONO, M?/AU  
L41 0 L39 AND ONO, M?/AU

=> s 139 and kobayashi, s?/au  
12907 KOBAYASHI, S?/AU  
L42 0 L39 AND KOBAYASHI, S?/AU

Updated Search



10773344

=> d 139, ibib abs hitstr, 1-5

L39 ANSWER 1 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1066699 HCAPLUS

DOCUMENT NUMBER: 145:419128

TITLE: Preparation of triamine derivatives containing heterocyclyl moieties as FXa inhibitors

INVENTOR(S): Mochizuki, Akiyoshi; Nagata, Tsutomu

PATENT ASSIGNEE(S): Daiichi Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 232pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006106963	A1	20061012	WO 2006-JP306930	20060331
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

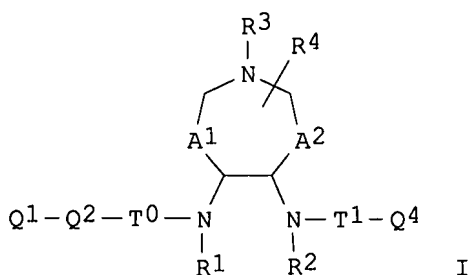
PRIORITY APPLN. INFO.:

JP 2005-100335

A 20050331

OTHER SOURCE(S): MARPAT 145:419128

GI



AB The title compds. I [A1 is (CH<sub>2</sub>)<sub>m</sub>; A2 is (CH<sub>2</sub>)<sub>n</sub>; each of R1 and R2 independently is a hydrogen atom, hydroxyl, an alkyl or an alkoxy; Q1 is an optionally substituted saturated or unsatd. bicyclic or tricyclic condensed hydrocarbon group or an optionally substituted saturated or unsatd. bicyclic or tricyclic condensed heterocyclic group, etc.; Q2 is a single bond, a linear or branched C1-C6 alkylene, a linear or branched C2-C6 alkenylene, etc.; each of R3 and R4 is H, an alkyl, an alkenyl, etc.; each of m and n is a number of 0 to 3; Q4 is an (un)substituted aryl, (un)substituted

Updated Search

10773344

arylalkenyl, (un)substituted arylalkynyl, etc.; T0 is carbonyl or thiocarbonyl; T1 is carbonyl, sulfonyl, etc.] are prepared Thus, N1-(5-chloropyridin-2-yl)-N2-((3R,4S)-1-methyl-3-[(5-methyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino)piperidin-4-yl)ethanediamide hydrochloride was prepared in a multistep process from (4R)-4-formyl-2,2-dimethyl-1,3-oxazolidine-3-carboxylic acid tert-Bu ester and (carboethoxymethylene)triphenylphosphorane. In a test for the inhibition of human blood-coagulation factor Xa, compds. of this invention showed IC50 values of 0.9 nM to 3 nM.

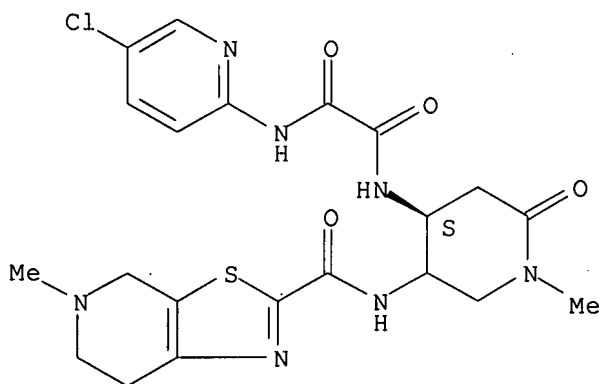
IT 912481-47-1P

RL: CPS (Chemical process); PAC (Pharmacological activity); PEP (Physical, engineering or chemical process); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)  
(preparation of triamine derivs. containing heterocycllyl moieties as FXa inhibitors)

RN 912481-47-1 HCAPLUS

CN Ethanediameide, N-(5-chloro-2-pyridinyl)-N'-[(4S)-1-methyl-2-oxo-5-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 912481-48-2P 912481-49-3P

RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of triamine derivs. containing heterocycllyl moieties as FXa inhibitors)

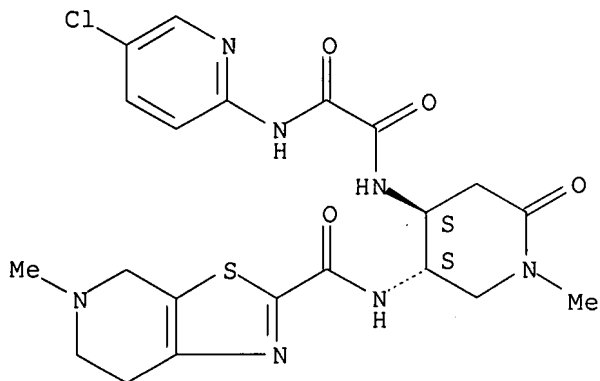
RN 912481-48-2 HCAPLUS

CN Ethanediameide, N-(5-chloro-2-pyridinyl)-N'-[(4S,5S)-1-methyl-2-oxo-5-[[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

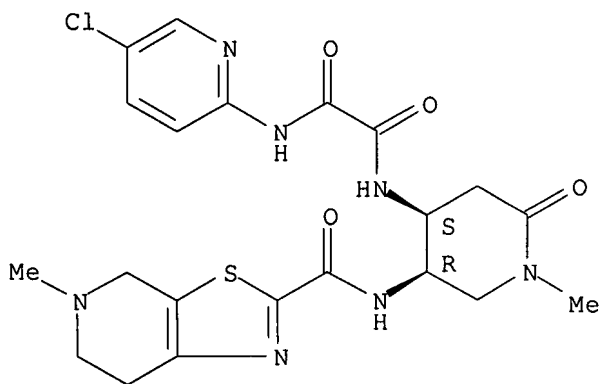
10773344



RN 912481-49-3 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(4S,5R)-1-methyl-2-oxo-5-  
[[[(4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 912481-44-8P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of triamine derivs. containing heterocyclyl moieties as FXa inhibitors)

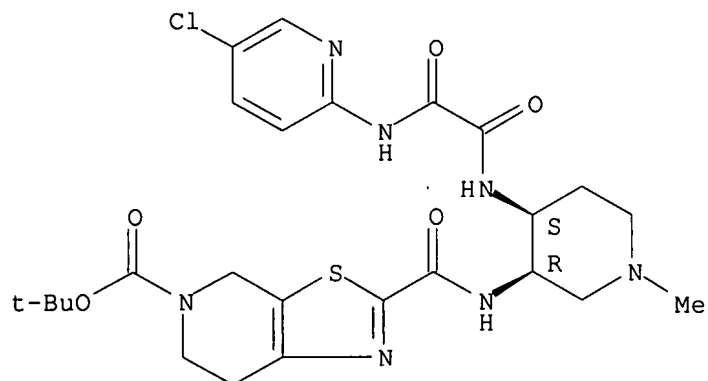
RN 912481-44-8 HCAPLUS

CN Thiazolo[5,4-c]pyridine-5(4H)-carboxylic acid, 2-[[[(3R,4S)-4-[[[(5-chloro-2-pyridinyl)amino]oxoacetyl]amino]-1-methyl-3-piperidinyl]amino]carbonyl]-6,7-dihydro-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344



IT 912480-99-0P 912481-00-6P 912481-01-7P  
912481-12-0P 912481-45-9P 912481-46-0P  
912537-36-1P

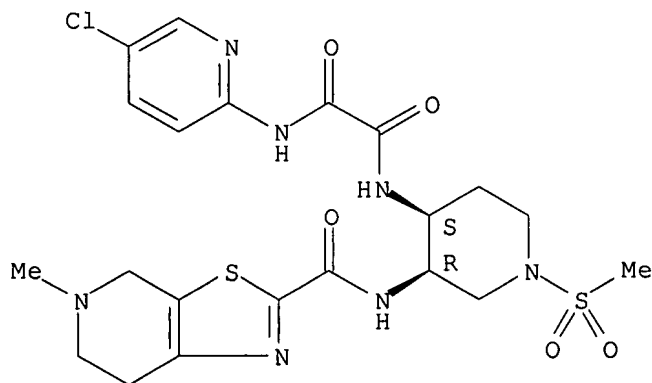
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)

(preparation of triamine derivs. containing heterocyclyl moieties as FXa  
inhibitors)

RN 912480-99-0 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(methylsulfonyl)-3-  
[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-  
4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

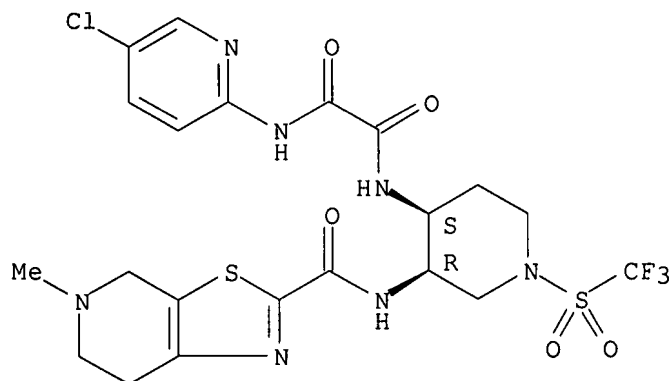
RN 912481-00-6 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[4,5,6,7-  
tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-  
[(trifluoromethyl)sulfonyl]-4-piperidinyl]-, monohydrochloride (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

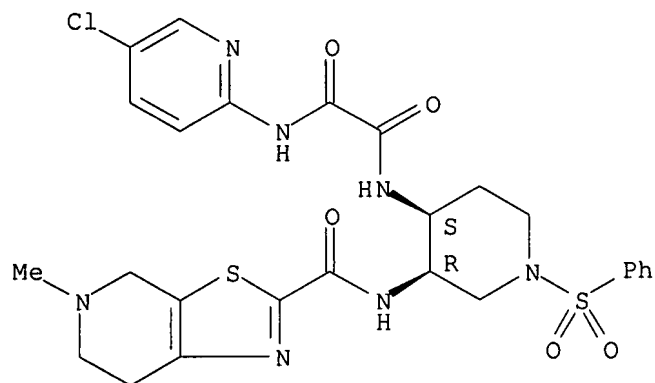


● HCl

RN 912481-01-7 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-(phenylsulfonyl)-3-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-4-piperidinyloxy-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

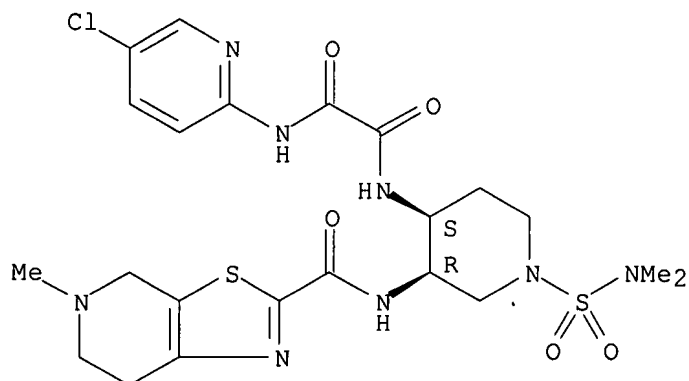
RN 912481-12-0 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-1-[(dimethylamino)sulfonyl]-3-[[4,5,6,7-tetrahydro-5-methylthiazolo[5,4-c]pyridin-2-yl]carbonyl]amino]-4-piperidinyloxy-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

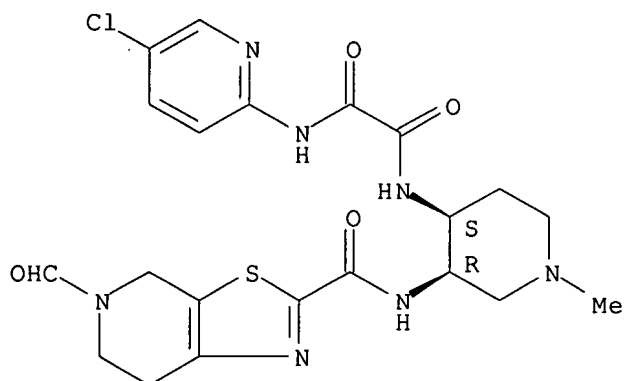


● HCl

RN 912481-45-9 HCAPLUS

CN Ethanediameide, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[ (5-formyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-methyl-4-piperidinyl]-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

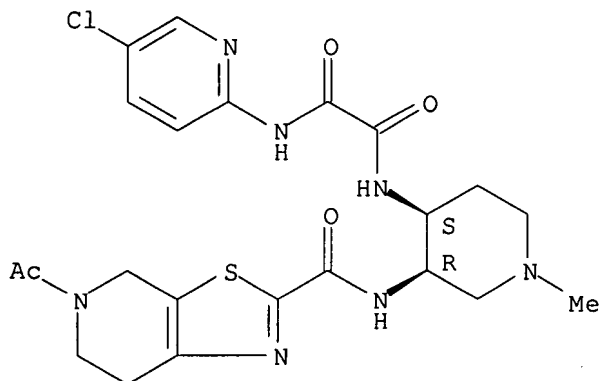
RN 912481-46-0 HCAPLUS

CN Ethanediameide, N-[(3R,4S)-3-[[ (5-acetyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-methyl-4-piperidinyl]-N'-(5-chloro-2-pyridinyl)-, monohydrochloride (9CI) (CA INDEX NAME)

Absolute stereochemistry.

Updated Search

10773344

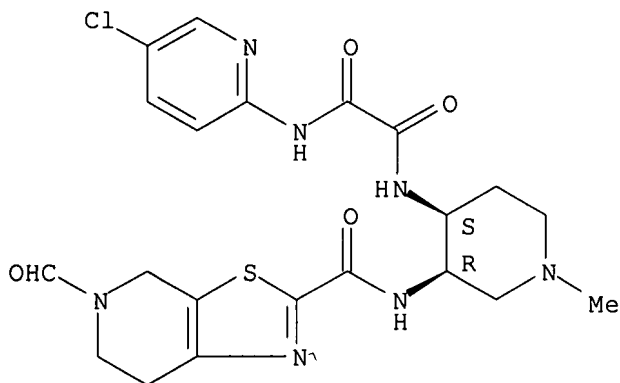


● HCl

RN 912537-36-1 HCAPLUS

CN Ethanediame, N-(5-chloro-2-pyridinyl)-N'-[(3R,4S)-3-[[5-formyl-4,5,6,7-tetrahydrothiazolo[5,4-c]pyridin-2-yl)carbonyl]amino]-1-methyl-4-piperidinyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L39 ANSWER 2 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:802720 HCAPLUS

DOCUMENT NUMBER: 141:314159

TITLE: Preparation of lactam-containing cyclic diamines and derivatives as factor Xa inhibitors for treating thromboembolic disorders

INVENTOR(S): Qiao, Jennifer X.; Wang, Tammy C.; Wang, Gren Z.

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 260 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

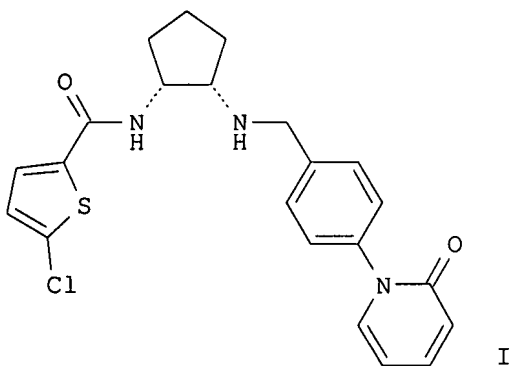
Updated Search

10773344

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004082687	A1	20040930	WO 2004-US8088	20040317
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2004204454	A1	20041014	US 2004-801469	20040316
US 7205318	B2	20070417		
EP 1603572	A1	20051214	EP 2004-757541	20040317
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
JP 2006520790	T	20060914	JP 2006-507254	20040317
US 2007135428	A1	20070614	US 2007-675786	20070216
PRIORITY APPLN. INFO.:			US 2003-455733P	P 20030318
			US 2003-508232P	P 20031002
			US 2004-801469	A 20040316
			WO 2004-US8088	W 20040317

OTHER SOURCE(S): MARPAT 141:314159  
GI



AB Title compds. of formula G-G1-M-Z-A-B [wherein M = central ring selected from (un)substituted optionally fused cyclopentane, or cyclohexane, (un)substituted tetrahydropyran, piperidine, piperidin-2-one, pyrrolidine, etc.; G = benzofused ring; G1 = (CH<sub>2</sub>)<sub>1-5</sub> and derivs., (un)substituted CH<sub>2</sub>:CH<sub>2</sub>, C(:O), NH, NHCO SO<sub>2</sub>NH, SO<sub>2</sub>NHCO, all of the above optionally substituted on one or both ends with alkylene groups, etc., with provisos; Z = NHCO, CONH, Z = (CH<sub>2</sub>)<sub>1-5</sub> and derivs., (un)substituted NHCO, CONH, CO, NHC(:S)NH, S, SO, SO<sub>2</sub>, SONH, SO<sub>2</sub>NH, all of the above optionally substituted on one or both ends with alkylene groups, etc.; A = (un)substituted carbo- or heterocycle; B = lactam or sulfam bound to A ring through an optional linking group attached to the N, pharmaceutically acceptable salts] were prepared as inhibitors of trypsin-like serine



10773344

proteases, specifically factor Xa, for treating thromboembolic disorders. For example, I was prepared by reductive amination of 4-(2-oxo-2H-pyridin-1-yl)benzaldehyde (preparation given) with (1R,2S)-5-Chlorothiophene-2-carboxylic acid (2-aminocyclopentyl)amide in CH<sub>2</sub>Cl<sub>2</sub> in the presence of NaBH(OAc)<sub>3</sub>/AcOH. Selected invention compds. displayed  $K_i \leq 10$   $\mu$ M in a spectrophotometrical assay using purified human factor Xa.

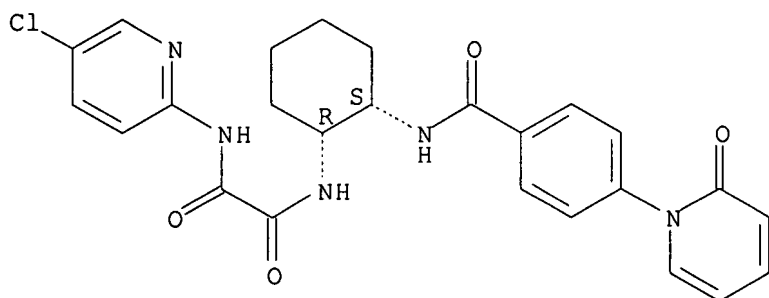
IT 766552-69-6P, N-(5-Chloropyridin-2-yl)-N'-[(1R,2S)-2-[4-(2-oxo-2H-pyridin-1-yl)benzoylamino]cyclohexyl]oxalamide  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(factor Xa inhibitor; preparation of lactam-containing cyclic diamines and derivs. as factor Xa inhibitors for treating thromboembolic disorders)

RN 766552-69-6 HCAPLUS

CN Ethanediamide, N-(5-chloro-2-pyridinyl)-N'-[(1R,2S)-2-[4-(2-oxo-1(2H)-pyridinyl)benzoyl]amino]cyclohexyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L39 ANSWER 3 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:631913 HCAPLUS

DOCUMENT NUMBER: 135:195556

TITLE: Preparation of azolylphenyl oxamides as inosine monophosphate dehydrogenase (IMPDH) inhibitors  
 INVENTOR(S): Broadhurst, Michael John; Hill, Christopher Huw; Hurst, David Nigel; Jones, Philip Stephen; Kay, Paul Brittain; Kilford, Ian Reginald; Mckinnell, Robert Murray

PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

SOURCE: Eur. Pat. Appl., 256 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

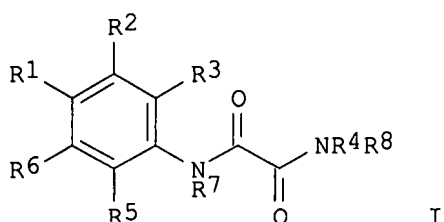
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1127883	A2	20010829	EP 2001-103521	20010216
EP 1127883	A3	20020807		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US 2002052513	A1	20020502	US 2001-779116	20010208
US 6867299	B2	20050315		
CA. 2337588	A1	20010824	CA 2001-2337588	20010220

Updated Search

10773344

HU 200100836	A2	20011028	HU 2001-836	20010221
HR 2001000127	A1	20011231	HR 2001-127	20010221
NO 2001000900	A	20010827	NO 2001-900	20010222
CN 1310179	A	20010829	CN 2001-104906	20010223
BR 2001000790	A	20010925	BR 2001-790	20010223
IN 2001MA00167	A	20050304	IN 2001-MA167	20010223
JP 2001261663	A	20010926	JP 2001-51064	20010226
PRIORITY APPLN. INFO.:			GB 2000-4392	A 20000224
			GB 2000-15877	A 20000628
			GB 2000-20322	A 20000817

OTHER SOURCE(S): MARPAT 135:195556  
GI



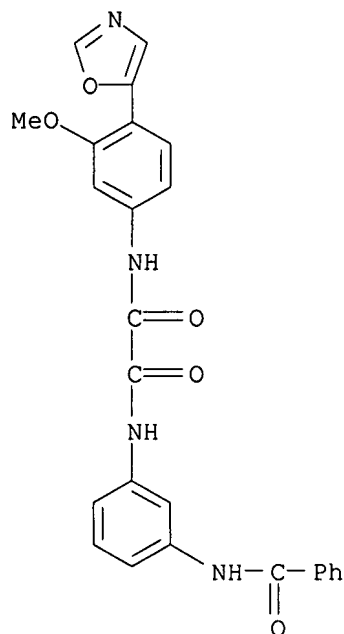
AB Title compds. (I; R1 = heterocyclyl; R2 = H, alkyl, alkoxy, halo, OH, cyano; R3 = H, alkyl, alkoxy, halo, cyano; R4 = H, alkyl, cycloalkyl, aryl, heterocyclyl; R5 = H, alkyl, alkoxy, halo, cyano; R6 = H, alkyl, alkoxy, halo, cyano; R7, R8 = H, alkyl; R4R8N = heterocyclyl), were prepared Thus, 1,1-dimethyl-3-(4-nitrophenoxy)propylamine (preparation given) was coupled with N-[3-methoxy-4-(5-oxazolyl)phenyl]oxamic acid in the presence of 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide and 1-hydroxy-7-azabenzotriazole to give N-[3-methoxy-4-(5-oxazolyl)phenyl]-N'-[1,1-dimethyl-3-(4-nitrophenoxy)propyl]oxalamide. Tested I inhibited IMPDH with IC50 = 0.010-0.277  $\mu$ M. I can be used for treating immune mediated conditions or diseases, viral diseases, bacterial diseases, parasitic diseases, inflammation, inflammatory diseases, hyperproliferative vascular diseases, tumors, and cancer.

IT 357183-26-7P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of azolylphenyl oxamides as inosine monophosphate dehydrogenase (IMPDH) inhibitors)

RN 357183-26-7 HCAPLUS

CN Ethanediamide, N-[3-(benzoylamino)phenyl]-N'-[3-methoxy-4-(5-oxazolyl)phenyl]- (9CI) (CA INDEX NAME)

10773344



L39 ANSWER 4 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1977:602157 HCAPLUS

DOCUMENT NUMBER: 87:202157

TITLE: Regular copolyamides. III. Preparation and characterization of regular aliphatic/aromatic copolyoxamides

AUTHOR(S): Stevenson, D.; Beeber, A.; Gaudiana, R.; Vogl, O.

CORPORATE SOURCE: Polym. Sci. Eng., Univ. Massachusetts, Amherst, MA, USA

SOURCE: Journal of Macromolecular Science, Chemistry (1977), A11(4), 779-809

CODEN: JMCHBD; ISSN: 0022-233X

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Regular aliphatic-aromatic copolyoxamides were prepared from diamineoxamides and

aromatic diacid chlorides by interfacial or by solution polymn; solution polymerization in

CHCl<sub>3</sub> or AcNMe<sub>2</sub> is preferred for preparation of large quantities of polymers but interfacial polymerization is most convenient for preparation of polymers

with

high mol. weight Aromatic diacid chlorides used included: diacid chlorides of terephthalic acid, isophthalic acid, 2,6-pyridinedicarboxylic acid, 2 isomeric naphthalene dicarboxylic acids, 2 cyclohexanedicarboxylic acid isomers, as well as 1,1-cyclobutanedicarboxylic acid. Copolymers of diamineoxamides with mixts. of acid chlorides of isophthalic and pyridinedicarboxylic acid and isophthalic acid-tetrachloroterephthalic acid were also prepared Most polymers are film-forming and are soluble in concentrated H<sub>2</sub>SO<sub>4</sub>, CF<sub>3</sub>CO<sub>2</sub>H, and AcNMe<sub>2</sub> (containing several per cent LiCl).

Several

of these polymers gave dense or asym. membranes, particularly polymers from ethylenediamine as the aliphatic diamine, particularly poly(iminoethyleneiminooxalyliminoethyleneiminoisophthaloyl) [58610-84-7].

Updated Search

10773344

Diamine oxamides with >2 amide groups in the mols. were prepared, and in 1 case polymers with aromatic diacid chlorides were prepared by interfacial polymerization All regular aliphatic-aromatic copolyoxamides were high melting and

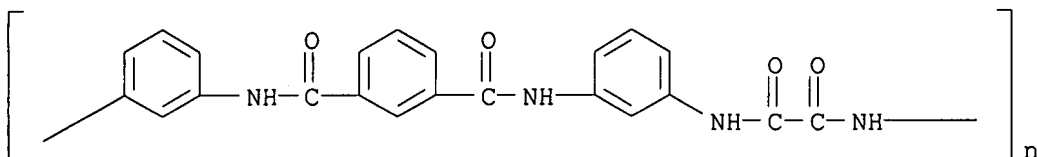
generally decomposed at >350° without melting. They can, however, be fabricated from solution into brittle fibers or into desalination membranes.

IT 59751-03-0P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)

RN 59751-03-0 HCAPLUS

CN Poly[imino(1,2-dioxo-1,2-ethanediyl)imino-1,3-phenyleneiminocarbonyl-1,3-phenylenecarbonylimino-1,3-phenylene] (9CI) (CA INDEX NAME)



L39 ANSWER 5 OF 5 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1976:434486 HCAPLUS

DOCUMENT NUMBER: 85:34486

TITLE: High performance fibers from aromatic polymers

AUTHOR(S): Preston, J.

CORPORATE SOURCE: Monsanto Triangle Park Dev. Cent., Inc., Research  
Triangle Park, NC, USA

SOURCE: Polymer Engineering and Science (1976), 16(5), 298-302  
CODEN: PYESAZ; ISSN: 0032-3888

DOCUMENT TYPE: Journal

LANGUAGE: English

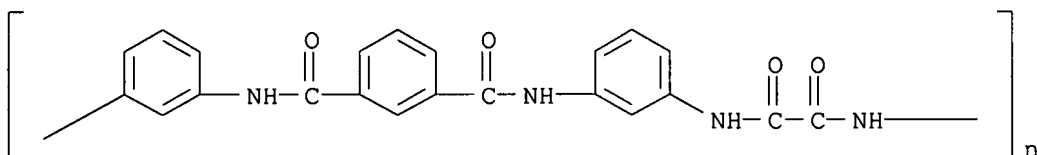
AB The relationships between polymer mol. structure and the properties of fibers was discussed with emphasis on fire and heat resistance. Flame resistant polymers are mostly aromatic with pendent carboxylic groups. Fibers with fused heterocyclic rings and imide linkages also have high flame resistance.

IT 59751-03-0

RL: USES (Uses)  
(fiber, flammability of, structure effect on)

RN 59751-03-0 HCAPLUS

CN Poly[imino(1,2-dioxo-1,2-ethanediyl)imino-1,3-phenyleneiminocarbonyl-1,3-phenylenecarbonylimino-1,3-phenylene] (9CI) (CA INDEX NAME)



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Updated Search

10773344

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FILE COVERS 1907-1966  
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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